

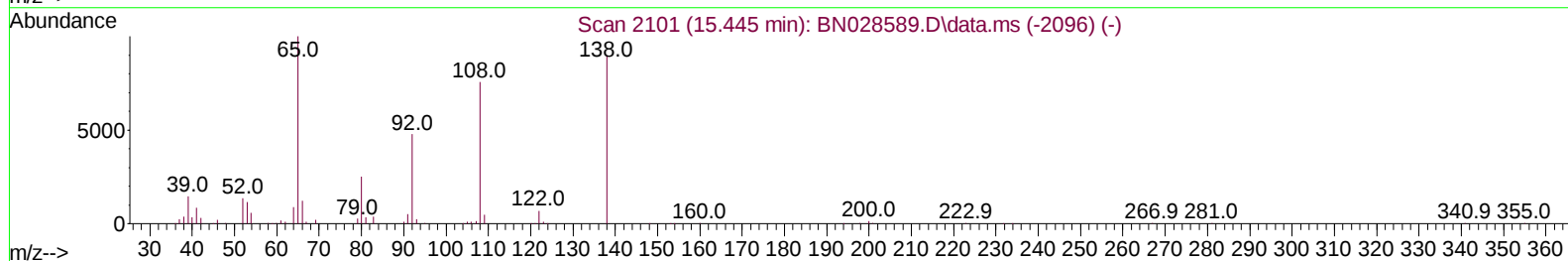
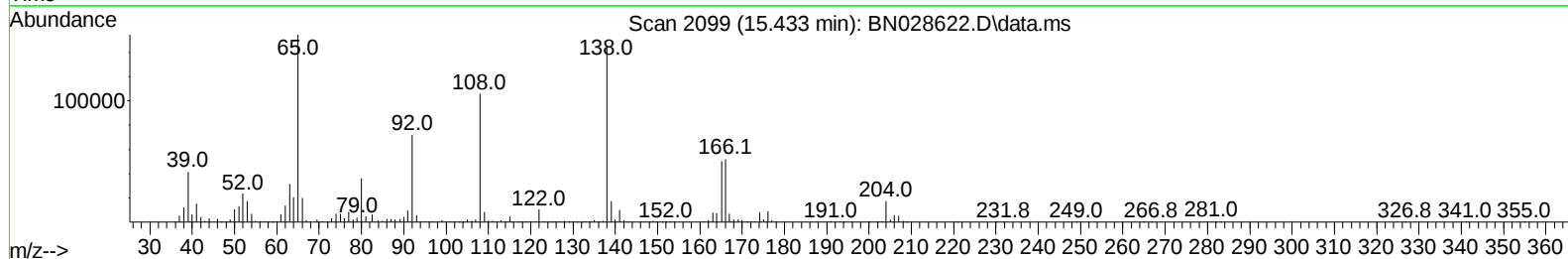
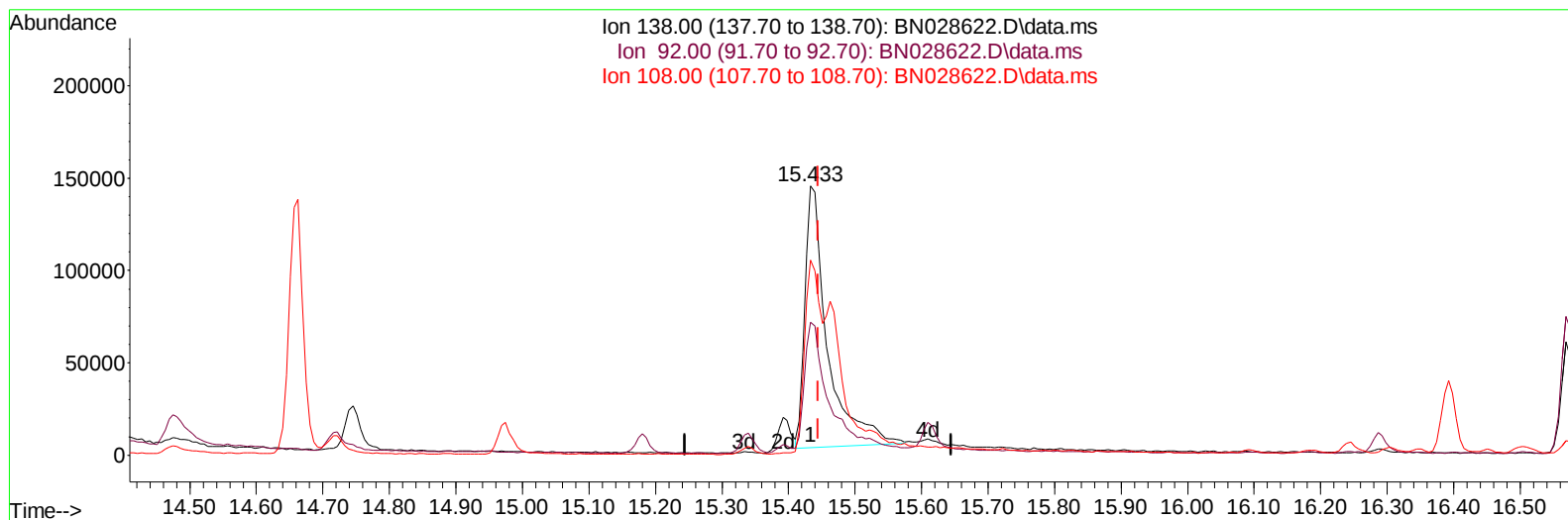
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
 Data File : BN028622.D
 Acq On : 15 Nov 2023 03:19
 Operator : MA/JU
 Sample : 05337-21MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDK5MSD

Manual IntegrationsAPPROVED

Quant Time: Nov 15 10:07:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 04:50:19 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/16/2023
 Supervised By :mohammad ahmed 11/16/2023



TIC: BN028622.D\data.ms

(63) 4-Nitroaniline

15.433min (-0.012) 40.92 ng/ul

response 334262

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.50	49.45
108.00	81.50	72.54
0.00	0.00	0.00

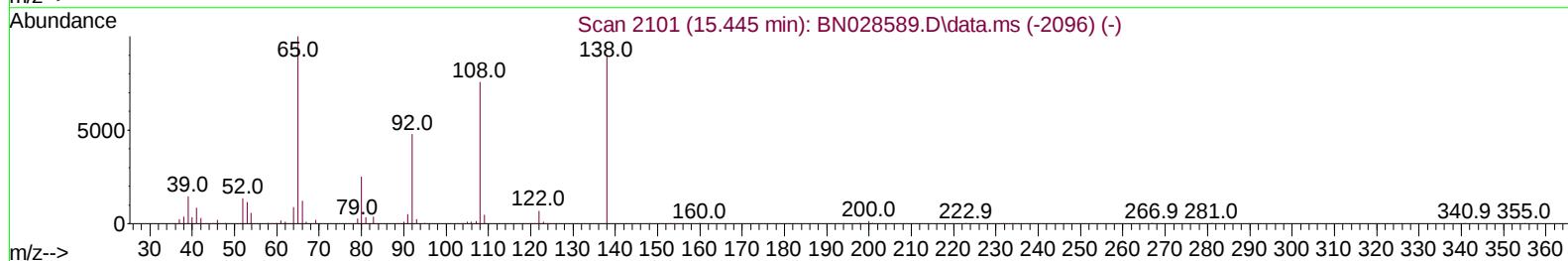
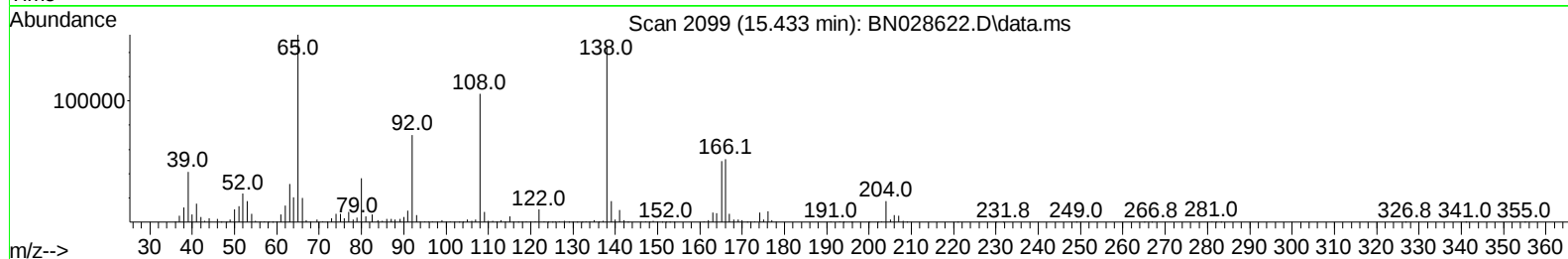
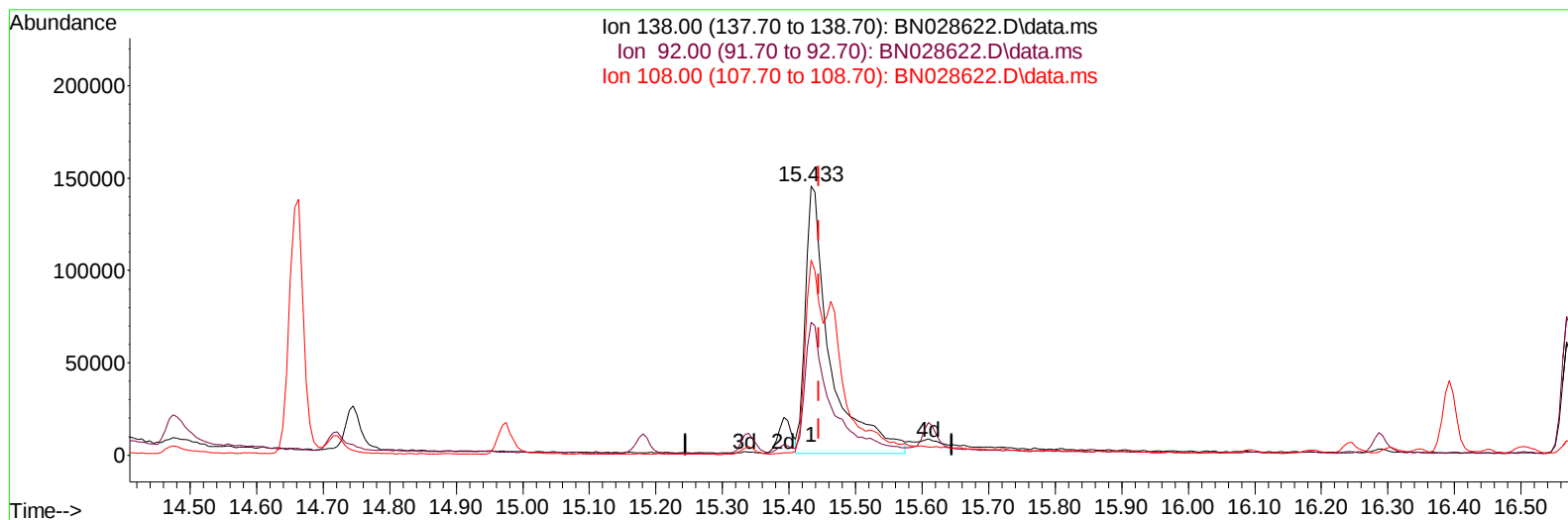
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TIC: BN028622.D\data.ms

(63) 4-Nitroaniline

15.433min (-0.012) 45.96 ng/ul m

response 375401

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.50	49.45
108.00	81.50	72.54
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/16/2023

Quant Time: Nov 15 10:14:29 2023
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 04:50:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	126101	20.000	ng/ul	0.00
20) Naphthalene-d8	10.486	136	750094	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	493045	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	1005765	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	761312	20.000	ng/ul	0.00
88) Perylene-d12	23.598	264	754010	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	27985	7.946	ng/uL	0.00
4) Pyridine-d5	3.563	84	116227	15.054	ng/ul	0.00
7) Phenol-d5	6.887	99	134844	11.194	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	401589	53.896	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	476222	45.234	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	290870	29.322	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	295325	43.851	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	295034	41.849	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	540646	45.103	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.639	131	739111	40.687	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	2281305	51.316	ng/ul	0.00
49) Acenaphthylene-d8	14.033	160	2332043	45.514	ng/ul	0.00
54) 4-Nitrophenol-d4	14.586	143	38847	8.246	ng/ul	0.00
60) Fluorene-d10	15.339	176	1791853	48.889	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	350352	62.710	ng/ul	0.00
73) Anthracene-d10	17.192	188	2891090	51.495	ng/ul	0.00
81) Pyrene-d10	19.498	212	3159219	54.713	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.451	264	2610063	55.294	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	35117	9.336	ng/uL	96
5) Pyridine	3.581	79	143283	17.949	ng/ul	93
6) Benzaldehyde	6.846	77	234296	41.247	ng/ul	97
8) Phenol	6.916	94	135492	11.305	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.134	93	531623	52.263	ng/ul	97
12) 2-Chlorophenol	7.257	128	489296	46.711	ng/ul	97
13) 2-Methylphenol	8.151	108	330559	34.421	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.222	45	990166	63.053	ng/ul	98
16) Acetophenone	8.522	105	887748	54.429	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.510	70	510832	60.052	ng/ul	100
18) 4-Methylphenol	8.481	108	299668	29.059	ng/ul	99
19) Hexachloroethane	8.763	117	251505	52.274	ng/ul	98
22) Nitrobenzene	8.898	77	642755	44.594	ng/ul	100
23) Isophorone	9.422	82	1543676	48.029	ng/ul	99
25) 2-Nitrophenol	9.610	139	301897	40.715	ng/ul	99
26) 2,4-Dimethylphenol	9.681	107	440749	30.335	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.916	93	793574	42.754	ng/ul	98
29) 2,4-Dichlorophenol	10.139	162	521280	43.951	ng/ul	97
30) Naphthalene	10.534	128	2222156	46.266	ng/ul	99
32) 4-Chloroaniline	10.663	127	622860	36.571	ng/ul	98
33) Hexachlorobutadiene	10.822	225	386766	43.517	ng/ul	98
34) Caprolactam	11.463	113	37472	9.336	ng/ul#	82
35) 4-Chloro-3-methylphenol	11.792	107	554846	42.891	ng/ul	98

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 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

GCDK5MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/16/2023

Quant Time: Nov 15 10:14:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 04:50:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.157	142	1490105	46.857	ng/ul	96
37) 1-Methylnaphthalene	12.375	142	1509875	45.957	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.528	216	756184	45.143	ng/ul	90
40) Hexachlorocyclopentadiene	12.504	237	362026	42.918	ng/ul	98
41) 2,4,6-Trichlorophenol	12.775	196	504879	51.419	ng/ul	98
42) 2,4,5-Trichlorophenol	12.845	196	554402	47.262	ng/ul	98
43) 1,1'-Biphenyl	13.180	154	2002174	46.071	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	1592314	45.926	ng/ul	98
45) 2-Nitroaniline	13.433	65	440378	49.727	ng/ul	99
47) Dimethylphthalate	13.816	163	2273401	51.582	ng/ul	99
48) 2,6-Dinitrotoluene	13.927	165	472818	54.330	ng/ul	98
50) Acenaphthylene	14.063	152	2739831	47.468	ng/ul	99
51) 3-Nitroaniline	14.269	138	324626	38.052	ng/ul	100
52) Acenaphthene	14.404	153	1824534	48.034	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	151823	71.198	ng/ul#	76
55) 4-Nitrophenol	14.598	109	23577	7.651	ng/ul	88
56) Dibenzofuran	14.745	168	2486731	49.066	ng/ul	100
57) 2,4-Dinitrotoluene	14.722	165	676248	56.527	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.975	232	524382	55.533	ng/ul	97
59) Diethylphthalate	15.180	149	2425637	53.824	ng/ul	99
61) Fluorene	15.392	166	2132345	50.477	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.392	204	1024127	50.096	ng/ul	98
63) 4-Nitroaniline	15.433	138	375401m	45.957	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.480	198	378844	64.899	ng/ul#	95
67) N-Nitrosodiphenylamine	15.610	169	1854622	53.486	ng/ul	98
68) 4-Bromophenyl-phenylether	16.292	248	635575	52.894	ng/ul	93
69) Hexachlorobenzene	16.392	284	769437	54.526	ng/ul	98
70) Atrazine	16.574	200	640043	60.267	ng/ul	98
71) Pentachlorophenol	16.745	266	426262	60.224	ng/ul	95
72) Phenanthrene	17.133	178	3458146	54.863	ng/ul	98
74) Anthracene	17.227	178	3450757	52.416	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.139	216	807550	46.923	ng/uL	98
76) Pentachlorobenzene	14.663	250	857454	50.842	ng/uL	99
77) Carbazole	17.504	167	3050964	56.572	ng/ul	98
78) Di-n-butylphthalate	18.080	149	4066314	56.439	ng/ul	100
80) Fluoranthene	19.163	202	3787130	56.060	ng/ul	98
82) Pyrene	19.527	202	3869158	55.531	ng/ul	99
83) Butylbenzylphthalate	20.445	149	1687134	57.987	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.227	252	880949	50.807	ng/ul	98
85) Benzo(a)anthracene	21.286	228	3349560	55.813	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	2317065	56.647	ng/ul	99
87) Chrysene	21.339	228	3341034	53.821	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	3877428	59.593	ng/ul	100
90) Benzo(b)fluoranthene	22.909	252	3195036	58.594	ng/ul	98
91) Benzo(k)fluoranthene	22.951	252	3285376	53.707	ng/ul	98
93) Benzo(a)pyrene	23.498	252	3030982	55.860	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.968	276	3605185	56.852	ng/ul	98
95) Dibenzo(a,h)anthracene	25.980	278	2946259	56.358	ng/ul	99
96) Benzo(g,h,i)perylene	26.680	276	2900416	57.965	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :

BNA_N

ClientSampleId :

GCDK5MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/16/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
 Data File : BN028622.D
 Acq On : 15 Nov 2023 03:19
 Operator : MA/JU
 Sample : 05337-21MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 04:50:19 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	126101	20.000	ng/ul	0.00
20) Naphthalene-d8	10.486	136	750094	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	493045	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	1005765	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	761312	20.000	ng/ul	0.00
88) Perylene-d12	23.598	264	754010	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	27985	7.946	ng/uL	0.00
4) Pyridine-d5	3.563	84	116227	15.054	ng/ul	0.00
7) Phenol-d5	6.887	99	134844	11.194	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	401589	53.896	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	476222	45.234	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	290870	29.322	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	295325	43.851	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	295034	41.849	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	540646	45.103	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.639	131	739111	40.687	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	2281305	51.316	ng/ul	0.00
49) Acenaphthylene-d8	14.033	160	2332043	45.514	ng/ul	0.00
54) 4-Nitrophenol-d4	14.586	143	38847	8.246	ng/ul	0.00
60) Fluorene-d10	15.339	176	1791853	48.889	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	350352	62.710	ng/ul	0.00
73) Anthracene-d10	17.192	188	2891090	51.495	ng/ul	0.00
81) Pyrene-d10	19.498	212	3159219	54.713	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.451	264	2610063	55.294	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	35117	9.336	ng/uL	96
5) Pyridine	3.581	79	143283	17.949	ng/ul	93
6) Benzaldehyde	6.846	77	234296	41.247	ng/ul	97
8) Phenol	6.916	94	135492	11.305	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.134	93	531623	52.263	ng/ul	97
12) 2-Chlorophenol	7.257	128	489296	46.711	ng/ul	97
13) 2-Methylphenol	8.151	108	330559	34.421	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.222	45	990166	63.053	ng/ul	98
16) Acetophenone	8.522	105	887748	54.429	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.510	70	510832	60.052	ng/ul	100
18) 4-Methylphenol	8.481	108	299668	29.059	ng/ul	99
19) Hexachloroethane	8.763	117	251505	52.274	ng/ul	98
22) Nitrobenzene	8.898	77	642755	44.594	ng/ul	100
23) Isophorone	9.422	82	1543676	48.029	ng/ul	99
25) 2-Nitrophenol	9.610	139	301897	40.715	ng/ul	99
26) 2,4-Dimethylphenol	9.681	107	440749	30.335	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.916	93	793574	42.754	ng/ul	98
29) 2,4-Dichlorophenol	10.139	162	521280	43.951	ng/ul	97
30) Naphthalene	10.534	128	2222156	46.266	ng/ul	99
32) 4-Chloroaniline	10.663	127	622860	36.571	ng/ul	98
33) Hexachlorobutadiene	10.822	225	386766	43.517	ng/ul	98
34) Caprolactam	11.463	113	37472	9.336	ng/ul#	82
35) 4-Chloro-3-methylphenol	11.792	107	554846	42.891	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.157	142	1490105	46.857	ng/ul	96
37) 1-Methylnaphthalene	12.375	142	1509875	45.957	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.528	216	756184	45.143	ng/ul	90
40) Hexachlorocyclopentadiene	12.504	237	362026	42.918	ng/ul	98
41) 2,4,6-Trichlorophenol	12.775	196	504879	51.419	ng/ul	98
42) 2,4,5-Trichlorophenol	12.845	196	554402	47.262	ng/ul	98
43) 1,1'-Biphenyl	13.180	154	2002174	46.071	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	1592314	45.926	ng/ul	98
45) 2-Nitroaniline	13.433	65	440378	49.727	ng/ul	99
47) Dimethylphthalate	13.816	163	2273401	51.582	ng/ul	99
48) 2,6-Dinitrotoluene	13.927	165	472818	54.330	ng/ul	98
50) Acenaphthylene	14.063	152	2739831	47.468	ng/ul	99
51) 3-Nitroaniline	14.269	138	324626	38.052	ng/ul	100
52) Acenaphthene	14.404	153	1824534	48.034	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	151823	71.198	ng/ul#	76
55) 4-Nitrophenol	14.598	109	23577	7.651	ng/ul	88
56) Dibenzofuran	14.745	168	2486731	49.066	ng/ul	100
57) 2,4-Dinitrotoluene	14.722	165	676248	56.527	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.975	232	524382	55.533	ng/ul	97
59) Diethylphthalate	15.180	149	2425637	53.824	ng/ul	99
61) Fluorene	15.392	166	2132345	50.477	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.392	204	1024127	50.096	ng/ul	98
63) 4-Nitroaniline	15.433	138	375401m	45.957	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.480	198	378844	64.899	ng/ul#	95
67) N-Nitrosodiphenylamine	15.610	169	1854622	53.486	ng/ul	98
68) 4-Bromophenyl-phenylether	16.292	248	635575	52.894	ng/ul	93
69) Hexachlorobenzene	16.392	284	769437	54.526	ng/ul	98
70) Atrazine	16.574	200	640043	60.267	ng/ul	98
71) Pentachlorophenol	16.745	266	426262	60.224	ng/ul	95
72) Phenanthrene	17.133	178	3458146	54.863	ng/ul	98
74) Anthracene	17.227	178	3450757	52.416	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.139	216	807550	46.923	ng/uL	98
76) Pentachlorobenzene	14.663	250	857454	50.842	ng/uL	99
77) Carbazole	17.504	167	3050964	56.572	ng/ul	98
78) Di-n-butylphthalate	18.080	149	4066314	56.439	ng/ul	100
80) Fluoranthene	19.163	202	3787130	56.060	ng/ul	98
82) Pyrene	19.527	202	3869158	55.531	ng/ul	99
83) Butylbenzylphthalate	20.445	149	1687134	57.987	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.227	252	880949	50.807	ng/ul	98
85) Benzo(a)anthracene	21.286	228	3349560	55.813	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	2317065	56.647	ng/ul	99
87) Chrysene	21.339	228	3341034	53.821	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	3877428	59.593	ng/ul	100
90) Benzo(b)fluoranthene	22.909	252	3195036	58.594	ng/ul	98
91) Benzo(k)fluoranthene	22.951	252	3285376	53.707	ng/ul	98
93) Benzo(a)pyrene	23.498	252	3030982	55.860	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.968	276	3605185	56.852	ng/ul	98
95) Dibenzo(a,h)anthracene	25.980	278	2946259	56.358	ng/ul	99
96) Benzo(g,h,i)perylene	26.680	276	2900416	57.965	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :

BNA_N

ClientSampleId :

GCDK5MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/16/2023

