

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
 Data File : BN031028.D
 Acq On : 19 Apr 2024 04:26
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020366

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 19 04:58:10 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Apr 17 22:24:16 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	137615	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	648864	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	462516	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	1042219	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1132887	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1477152	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	26145	8.908	ng/uL	0.00
4) Pyridine-d5	3.552	84	182975	20.792	ng/u1	0.00
7) Phenol-d5	6.810	99	242788	21.809	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	146332	21.282	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	189143	22.397	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	203537	21.815	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	98368	21.854	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	100298	24.358	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	201316	22.332	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	321562	21.667	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	691488	22.393	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	780763	21.990	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	143305	24.261	ng/u1	0.00
60) Fluorene-d10	15.281	176	593588	21.966	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	98606	21.435	ng/u1	0.00
73) Anthracene-d10	17.128	188	967898	21.554	ng/u1	0.00
81) Pyrene-d10	19.433	212	1190233	19.541	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1466043	21.539	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	26629	8.469	ng/uL	93
5) Pyridine	3.575	79	183060	20.615	ng/u1	98
6) Benzaldehyde	6.787	77	141008	27.199	ng/u1	98
8) Phenol	6.834	94	251913	21.722	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.069	93	204294	21.602	ng/u1	99
12) 2-Chlorophenol	7.199	128	199238	21.993	ng/u1	99
13) 2-Methylphenol	8.081	108	194660	21.782	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.157	45	272736	20.481	ng/u1	99
16) Acetophenone	8.457	105	330529	22.438	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.440	70	163542	22.043	ng/u1	97
18) 4-Methylphenol	8.405	108	220867	22.077	ng/u1	98
19) Hexachloroethane	8.704	117	79284	20.874	ng/u1	97
22) Nitrobenzene	8.834	77	236192	21.496	ng/u1	98
23) Isophorone	9.357	82	476987	21.767	ng/u1	99
25) 2-Nitrophenol	9.540	139	113212	23.394	ng/u1	98
26) 2,4-Dimethylphenol	9.599	107	234210	21.775	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.840	93	295568	21.215	ng/u1	100
29) 2,4-Dichlorophenol	10.069	162	204486	22.224	ng/u1	98
30) Naphthalene	10.469	128	717981	21.575	ng/u1	99
32) 4-Chloroaniline	10.587	127	313621	21.927	ng/u1	100
33) Hexachlorobutadiene	10.746	225	118401	20.443	ng/u1	98
34) Caprolactam	11.363	113	77241	22.471	ng/u1	88
35) 4-Chloro-3-methylphenol	11.710	107	238582	23.021	ng/u1	99
36) 2-Methylnaphthalene	12.087	142	500666	21.542	ng/u1	99

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Supervised By :mohammad ahmed 04/30/2024

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Quant Title : SVOA CALIBRATION

QLast Update : Wed Apr 17 22:24:16 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	510681	21.646	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.457	216	253123	21.206	ng/ul	99
40) Hexachlorocyclopentadiene	12.434	237	132867	19.601	ng/ul	91
41) 2,4,6-Trichlorophenol	12.704	196	165747	22.222	ng/ul	97
42) 2,4,5-Trichlorophenol	12.775	196	188572	22.386	ng/ul	94
43) 1,1'-Biphenyl	13.110	154	667379	21.170	ng/ul	97
44) 2-Chloronaphthalene	13.151	162	529733	21.346	ng/ul	98
45) 2-Nitroaniline	13.363	65	149937	22.703	ng/ul	97
47) Dimethylphthalate	13.745	163	704457	22.084	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	134159	22.684	ng/ul	98
50) Acenaphthylene	14.004	152	907576	22.123	ng/ul	99
51) 3-Nitroaniline	14.198	138	155412	24.757	ng/ul	99
52) Acenaphthene	14.345	153	590986	21.618	ng/ul	98
53) 2,4-Dinitrophenol	14.404	184	57335	21.107	ng/ul	88
55) 4-Nitrophenol	14.510	109	112035	23.940	ng/ul	97
56) Dibenzofuran	14.687	168	827066	21.764	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	205575	23.808	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.910	232	161143	23.034	ng/ul	96
59) Diethylphthalate	15.116	149	725161	22.377	ng/ul	100
61) Fluorene	15.334	166	679690	22.502	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.334	204	316960	21.388	ng/ul	97
63) 4-Nitroaniline	15.363	138	170339m	27.911	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	108449	21.940	ng/ul	96
67) N-Nitrosodiphenylamine	15.551	169	597250	21.042	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	202355	20.447	ng/ul	97
69) Hexachlorobenzene	16.334	284	229242	19.671	ng/ul	96
70) Atrazine	16.504	200	211913	21.541	ng/ul	98
71) Pentachlorophenol	16.681	266	146790	21.364	ng/ul	98
72) Phenanthrene	17.075	178	1157791	21.622	ng/ul	98
74) Anthracene	17.163	178	1173473	21.678	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	257477	20.109	ng/uL	97
76) Pentachlorobenzene	14.598	250	266132	20.463	ng/uL	97
77) Carbazole	17.439	167	1127887	23.759	ng/ul	99
78) Di-n-butylphthalate	18.010	149	1326204	22.901	ng/ul	99
80) Fluoranthene	19.098	202	1418812	19.596	ng/ul	98
82) Pyrene	19.463	202	1503977	19.668	ng/ul	100
83) Butylbenzylphthalate	20.374	149	650956	22.291	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.180	252	522850	25.117	ng/ul	96
85) Benzo(a)anthracene	21.245	228	1647910	21.796	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.180	149	988418	22.952	ng/ul	98
87) Chrysene	21.310	228	1569505	21.993	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	1807656	19.324	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1803734	20.749	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	1801583	20.406	ng/ul	100
93) Benzo(a)pyrene	24.027	252	1780231	21.678	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.421	276	2259535	25.454	ng/ul	98
95) Dibenzo(a,h)anthracene	27.474	278	1861550	24.910	ng/ul	94
96) Benzo(g,h,i)perylene	28.433	276	1815773	26.055	ng/ul	96

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

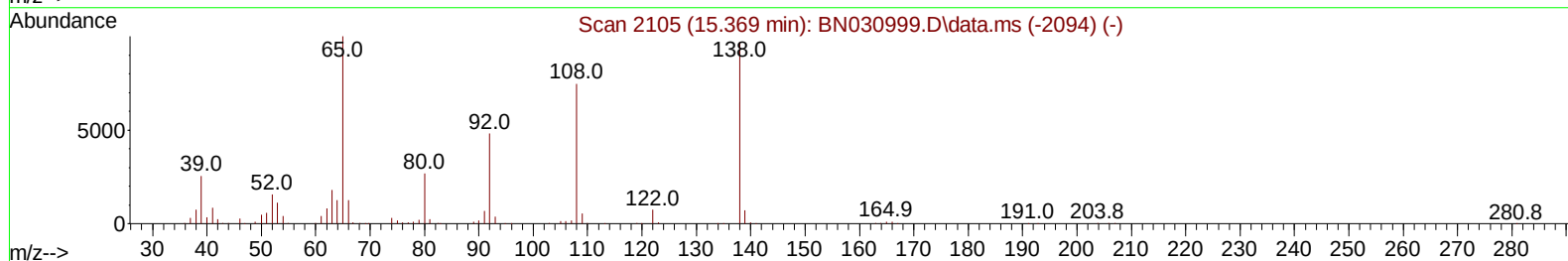
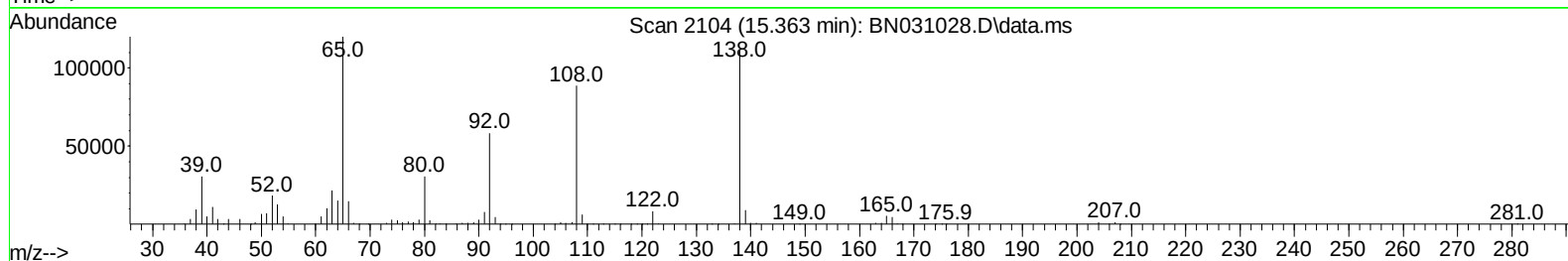
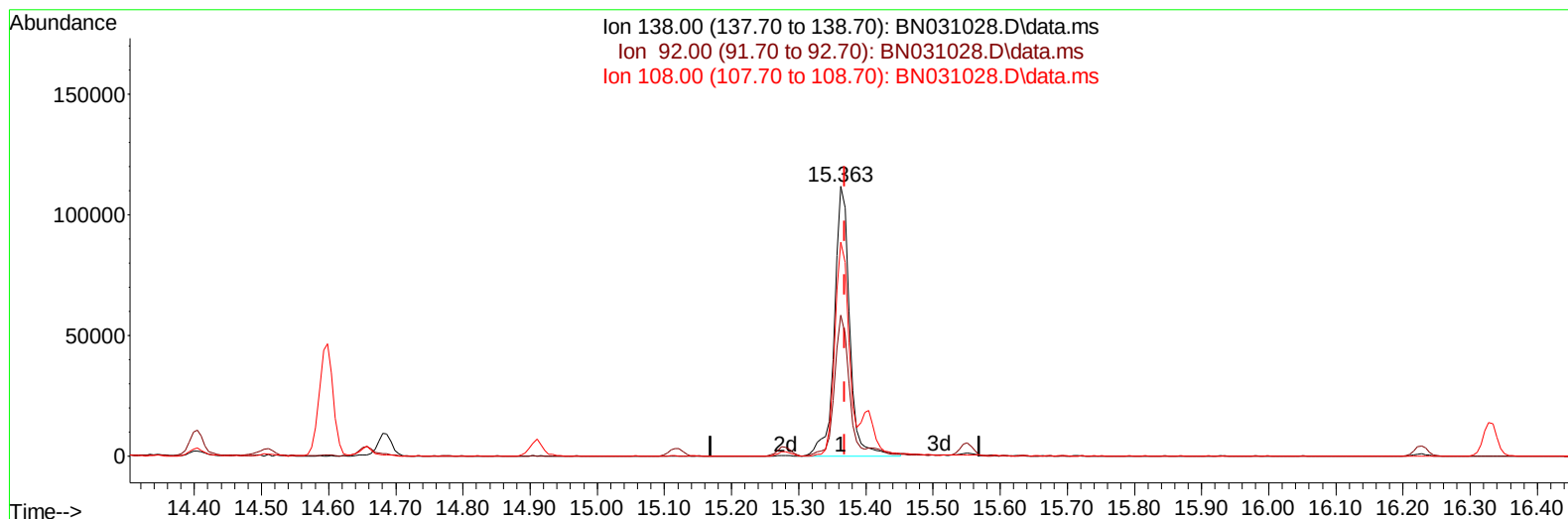
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ALS Vial : 64 Sample Multiplier: 1

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SSTD020366

Quant Time: Apr 19 04:56:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 22:24:16 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/30/2024



TIC: BN031028.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 28.88 ng/ul

response 176223

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.60	52.30
108.00	78.30	79.25
0.00	0.00	0.00

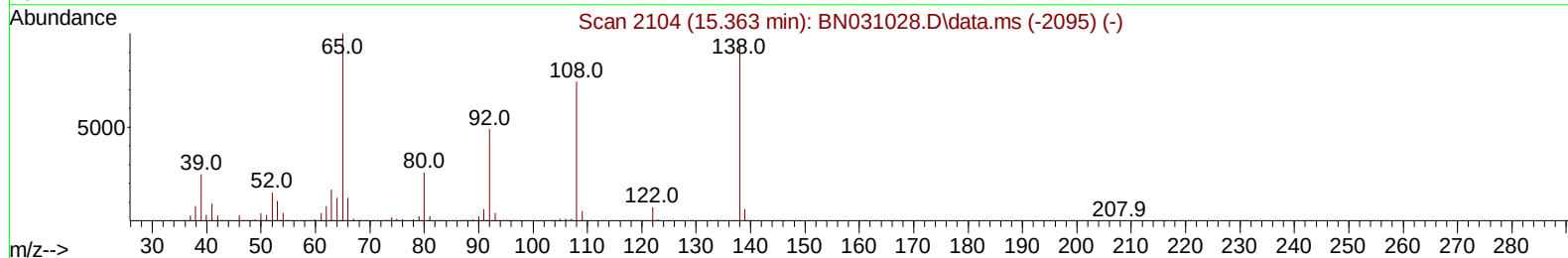
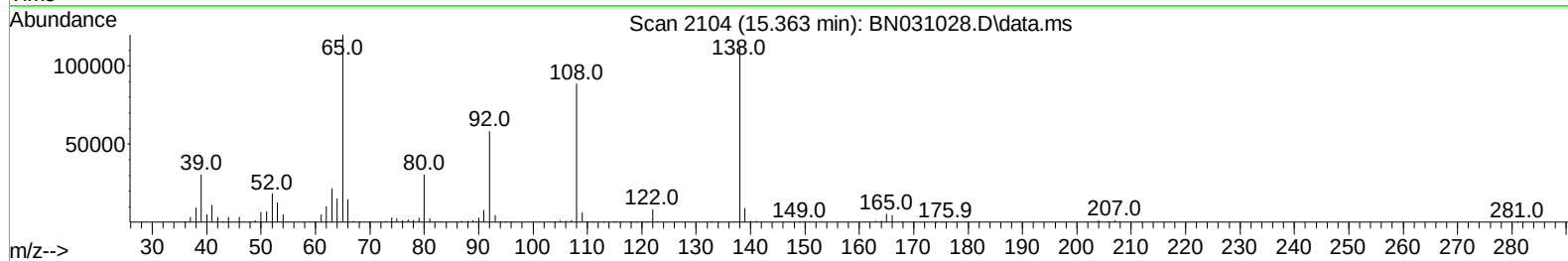
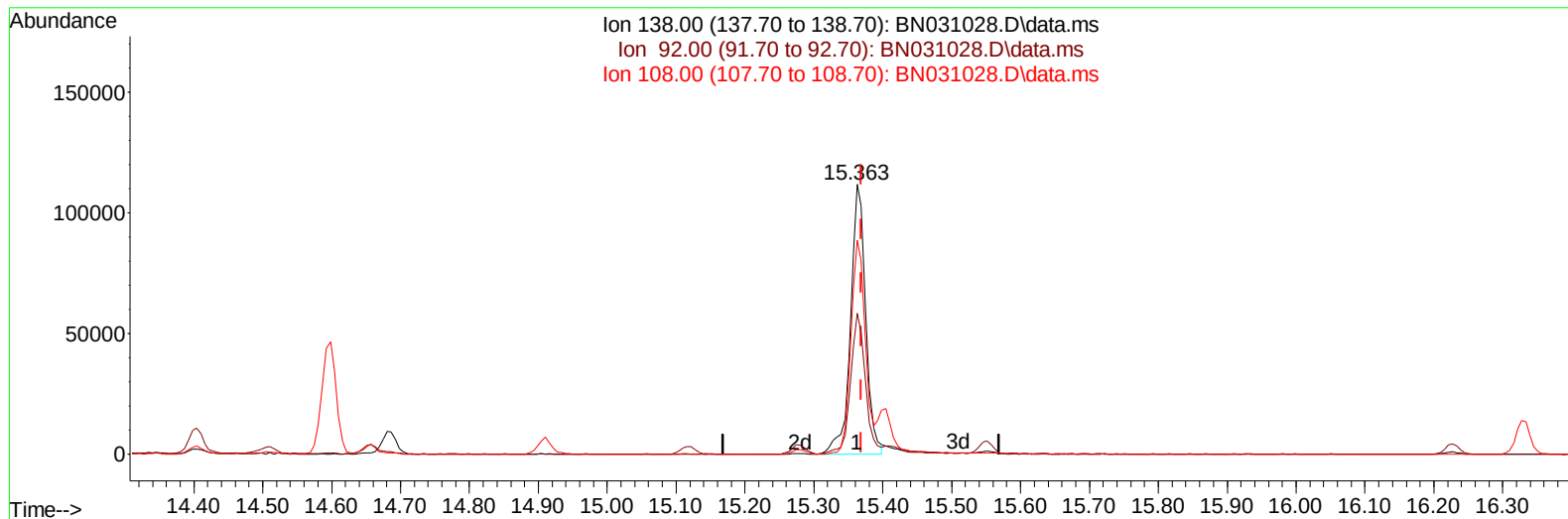
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Supervised By :mohammad ahmed 04/30/2024



TIC: BN031028.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 27.91 ng/ul m

response 170339

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.60	52.30
108.00	78.30	79.25
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	137615	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	648864	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	462516	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	1042219	20.000	ng/ul	0.00
79) Chrysene-d12	21.269	240	1132887	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1477152	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	26145	8.908	ng/uL	0.00
4) Pyridine-d5	3.552	84	182975	20.792	ng/ul	0.00
7) Phenol-d5	6.810	99	242788	21.809	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	146332	21.282	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	189143	22.397	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	203537	21.815	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	98368	21.854	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	100298	24.358	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	201316	22.332	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	321562	21.667	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	691488	22.393	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	780763	21.990	ng/ul	0.00
54) 4-Nitrophenol-d4	14.492	143	143305	24.261	ng/ul	0.00
60) Fluorene-d10	15.281	176	593588	21.966	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	98606	21.435	ng/ul	0.00
73) Anthracene-d10	17.128	188	967898	21.554	ng/ul	0.00
81) Pyrene-d10	19.433	212	1190233	19.541	ng/ul	0.00
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Target Compounds						
					Qvalue	
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37) 1-Methylnaphthalene	12.304	142	510681	21.646	ng/ul	97
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53) 2,4-Dinitrophenol	14.404	184	57335	21.107	ng/ul	88
55) 4-Nitrophenol	14.510	109	112035	23.940	ng/ul	97
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80) Fluoranthene	19.098	202	1418812	19.596	ng/ul	98
82) Pyrene	19.463	202	1503977	19.668	ng/ul	100
83) Butylbenzylphthalate	20.374	149	650956	22.291	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.180	252	522850	25.117	ng/ul	96
85) Benzo(a)anthracene	21.245	228	1647910	21.796	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.180	149	988418	22.952	ng/ul	98
87) Chrysene	21.310	228	1569505	21.993	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	1807656	19.324	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1803734	20.749	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	1801583	20.406	ng/ul	100
93) Benzo(a)pyrene	24.027	252	1780231	21.678	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.421	276	2259535	25.454	ng/ul	98
95) Dibenzo(a,h)anthracene	27.474	278	1861550	24.910	ng/ul	94
96) Benzo(g,h,i)perylene	28.433	276	1815773	26.055	ng/ul	96

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

Instrument :

BN_A_N

ClientSampleId :

SSTD020366

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/30/2024

