

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015958.D
 Acq On : 03 Jul 2023 19:27
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020786

Manual Integrations
 APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 03 23:57:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	191467	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	895983	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.692	164	547616	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1134454	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	762405	20.000	ng/u1	# 0.00
88) Perylene-d12	24.098	264	798928	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	43940	8.257	ng/uL	0.00
4) Pyridine-d5	3.817	84	291184	21.706	ng/u1	0.00
7) Phenol-d5	7.228	99	383317	23.398	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	246297	24.301	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	281855	22.792	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	299392	23.134	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	142360	20.790	ng/u1	0.00
24) 2-Nitrophenol-d4	9.957	143	161155	20.165	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	294200	20.658	ng/u1	0.01
31) 4-Chloroaniline-d4	11.034	131	407473	22.273	ng/u1	0.00
46) Dimethylphthalate-d6	14.104	166	858184	20.275	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	999514	21.007	ng/u1	0.00
54) 4-Nitrophenol-d4	14.981	143	55697	9.972	ng/u1	0.03
60) Fluorene-d10	15.692	176	723223	20.751	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	99438	14.253	ng/u1	0.00
73) Anthracene-d10	17.557	188	1081099	20.863	ng/u1	0.00
81) Pyrene-d10	19.786	212	1064631	21.385	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	803509	19.937	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	48138	8.405	ng/uL	99
5) Pyridine	3.834	79	303411	21.620	ng/u1	98
6) Benzaldehyde	7.199	77	76308	11.521	ng/u1	96
8) Phenol	7.258	94	408081	24.004	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.463	93	330404	24.427	ng/u1	98
12) 2-Chlorophenol	7.610	128	303171	23.076	ng/u1	97
13) 2-Methylphenol	8.510	108	309427	24.107	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.575	45	491358	26.597	ng/u1	98
16) Acetophenone	8.887	105	506937	23.829	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.857	70	276183	23.374	ng/u1	99
18) 4-Methylphenol	8.852	108	337123	24.445	ng/u1	99
19) Hexachloroethane	9.116	117	130343	21.480	ng/u1	91
22) Nitrobenzene	9.275	77	404398	21.031	ng/u1	97
23) Isophorone	9.799	82	769536	20.913	ng/u1	98
25) 2-Nitrophenol	9.993	139	177816	20.965	ng/u1	92
26) 2,4-Dimethylphenol	10.057	107	373217	20.017	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.275	93	460603	22.173	ng/u1	98
29) 2,4-Dichlorophenol	10.551	162	297788	21.032	ng/u1	98
30) Naphthalene	10.916	128	1039229	21.336	ng/u1	100
32) 4-Chloroaniline	11.063	127	429159	22.579	ng/u1	98
33) Hexachlorobutadiene	11.181	225	187747	17.559	ng/u1	98
34) Caprolactam	11.863	113	94703	21.867	ng/u1	95
35) 4-Chloro-3-methylphenol	12.193	107	348417	21.023	ng/u1	99
36) 2-Methylnaphthalene	12.528	142	679561	21.194	ng/u1	97

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Manual Integrations APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.745	142	682336	20.860	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.898	216	358786	19.882	ng/ul	99
40) Hexachlorocyclopentadiene	12.845	237	23889	4.425	ng/ul	95
41) 2,4,6-Trichlorophenol	13.151	196	228528	20.038	ng/ul	98
42) 2,4,5-Trichlorophenol	13.245	196	250947	20.745	ng/ul	95
43) 1,1'-Biphenyl	13.528	154	908410	20.943	ng/ul	98
44) 2-Chloronaphthalene	13.581	162	718152	21.017	ng/ul	97
45) 2-Nitroaniline	13.810	65	230135	21.405	ng/ul	95
47) Dimethylphthalate	14.151	163	883512	20.170	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	178770	20.119	ng/ul	99
50) Acenaphthylene	14.416	152	1122360	21.408	ng/ul	100
51) 3-Nitroaniline	14.651	138	147488	21.167	ng/ul	90
52) Acenaphthene	14.757	153	771835	21.230	ng/ul	99
53) 2,4-Dinitrophenol	14.892	184	48678	10.326	ng/ul	92
55) 4-Nitrophenol	15.016	109	98691	17.050	ng/ul#	68
56) Dibenzofuran	15.098	168	1063698	21.077	ng/ul	97
57) 2,4-Dinitrotoluene	15.110	165	248364	20.512	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.345	232	201421	19.385	ng/ul	99
59) Diethylphthalate	15.504	149	904357	20.401	ng/ul	99
61) Fluorene	15.745	166	860227	21.014	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.734	204	411494	19.645	ng/ul	96
63) 4-Nitroaniline	15.828	138	47419m	9.943	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.881	198	99838	14.143	ng/ul#	97
67) N-Nitrosodiphenylamine	15.957	169	722828	21.284	ng/ul	99
68) 4-Bromophenyl-phenylether	16.634	248	251925	19.447	ng/ul	91
69) Hexachlorobenzene	16.757	284	292589	19.141	ng/ul	95
70) Atrazine	16.910	200	252882	19.452	ng/ul	99
71) Pentachlorophenol	17.128	266	130535	17.793	ng/ul	98
72) Phenanthrene	17.498	178	1284519	20.842	ng/ul	99
74) Anthracene	17.598	178	1318973	21.299	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.498	216	362882	19.658	ng/uL	99
76) Pentachlorobenzene	15.016	250	362238	19.443	ng/uL	99
77) Carbazole	17.880	167	1133514	21.717	ng/ul	99
78) Di-n-butylphthalate	18.380	149	1558740	22.526	ng/ul	99
80) Fluoranthene	19.463	202	1349975	21.819	ng/ul#	94
82) Pyrene	19.816	202	1363588	21.605	ng/ul#	91
83) Butylbenzylphthalate	20.657	149	645079	25.053	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.463	252	334953	19.435	ng/ul#	99
85) Benzo(a)anthracene	21.533	228	1091226	20.347	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	941211	26.599	ng/ul#	99
87) Chrysene	21.592	228	1051582	20.667	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	1415200	24.238	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	1010157	19.678	ng/ul#	97
91) Benzo(k)fluoranthene	23.357	252	1041382	20.078	ng/ul#	96
93) Benzo(a)pyrene	23.986	252	914862	20.396	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.798	276	1211726	19.899	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.798	278	990274	19.799	ng/ul#	93
96) Benzo(g,h,i)perylene	27.639	276	991662	19.796	ng/ul#	95

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

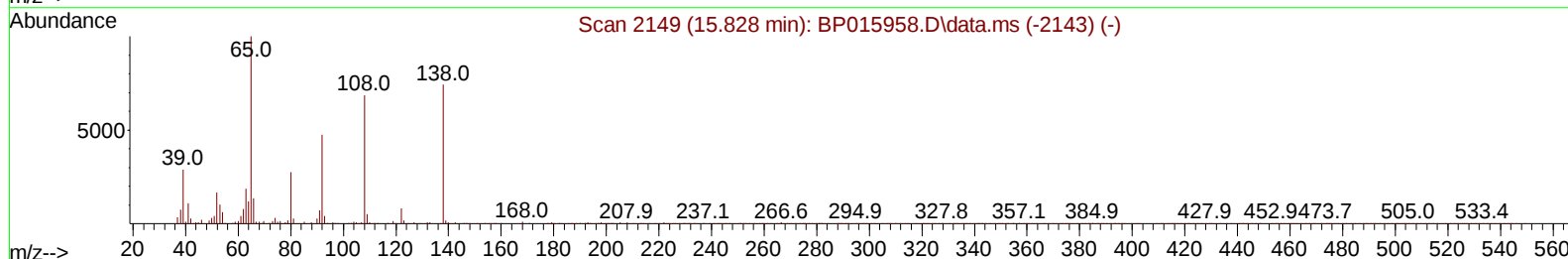
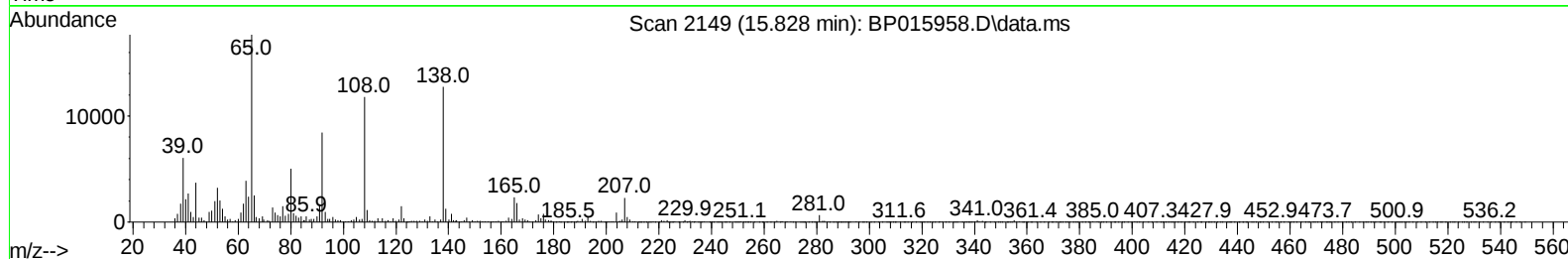
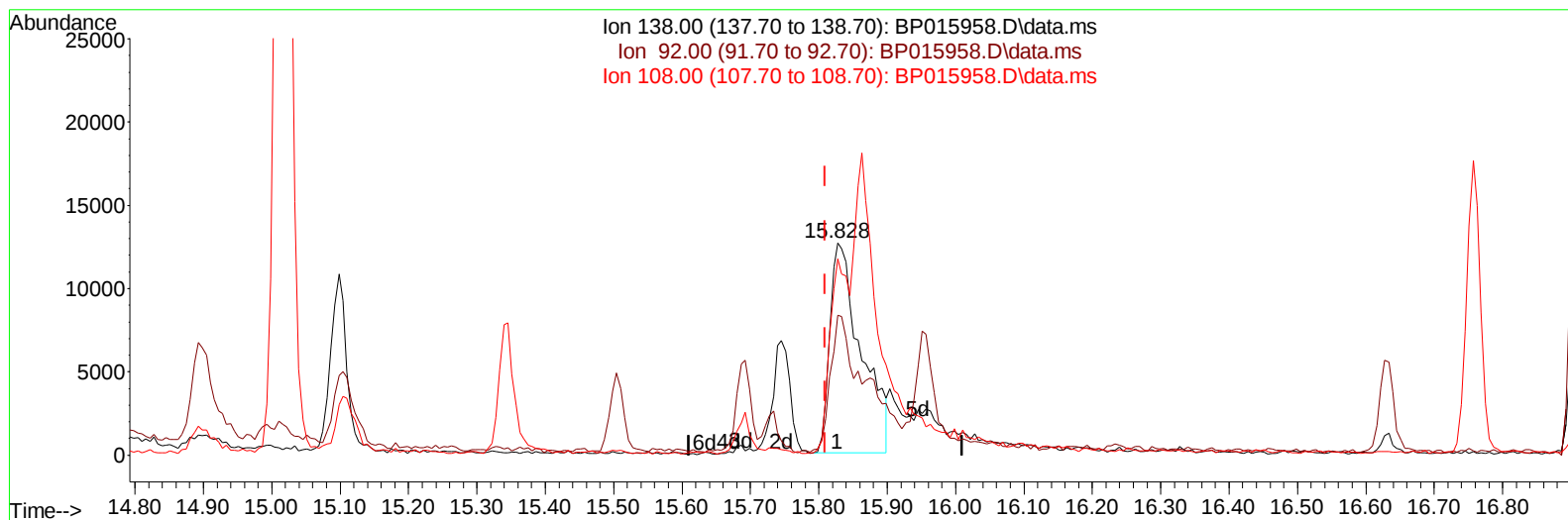
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Manual Integrations
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Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 04 08:13:19 2023
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TIC: BP015958.D\data.ms

(63) 4-Nitroaniline

15.828min (+ 0.018) 8.40 ng/ul

response 40041

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.60	66.03
108.00	106.90	92.59
0.00	0.00	0.00

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Internal Standards						
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20) Naphthalene-d8	10.869	136	895983	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.692	164	547616	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1134454	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	762405	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	798928	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	43940	8.257	ng/uL	0.00
4) Pyridine-d5	3.817	84	291184	21.706	ng/ul	0.00
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11) 2-Chlorophenol-d4	7.575	132	281855	22.792	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	299392	23.134	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	142360	20.790	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	161155	20.165	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	294200	20.658	ng/ul	0.01
31) 4-Chloroaniline-d4	11.034	131	407473	22.273	ng/ul	0.00
46) Dimethylphthalate-d6	14.104	166	858184	20.275	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	999514	21.007	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	55697	9.972	ng/ul	0.03
60) Fluorene-d10	15.692	176	723223	20.751	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	99438	14.253	ng/ul	0.00
73) Anthracene-d10	17.557	188	1081099	20.863	ng/ul	0.00
81) Pyrene-d10	19.786	212	1064631	21.385	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	803509	19.937	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	48138	8.405	ng/uL	99
5) Pyridine	3.834	79	303411	21.620	ng/ul	98
6) Benzaldehyde	7.199	77	76308	11.521	ng/ul	96
8) Phenol	7.258	94	408081	24.004	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.463	93	330404	24.427	ng/ul	98
12) 2-Chlorophenol	7.610	128	303171	23.076	ng/ul	97
13) 2-Methylphenol	8.510	108	309427	24.107	ng/ul	99
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18) 4-Methylphenol	8.852	108	337123	24.445	ng/ul	99
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30) Naphthalene	10.916	128	1039229	21.336	ng/ul	100
32) 4-Chloroaniline	11.063	127	429159	22.579	ng/ul	98
33) Hexachlorobutadiene	11.181	225	187747	17.559	ng/ul	98
34) Caprolactam	11.863	113	94703	21.867	ng/ul	95
35) 4-Chloro-3-methylphenol	12.193	107	348417	21.023	ng/ul	99

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36) 2-Methylnaphthalene	12.528	142	679561	21.194	ng/ul	97
37) 1-Methylnaphthalene	12.745	142	682336	20.860	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.898	216	358786	19.882	ng/ul	99
40) Hexachlorocyclopentadiene	12.845	237	23889	4.425	ng/ul	95
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48) 2,6-Dinitrotoluene	14.298	165	178770	20.119	ng/ul	99
50) Acenaphthylene	14.416	152	1122360	21.408	ng/ul	100
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66) 4,6-Dinitro-2-methylph...	15.881	198	99838	14.143	ng/ul#	97
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78) Di-n-butylphthalate	18.380	149	1558740	22.526	ng/ul	99
80) Fluoranthene	19.463	202	1349975	21.819	ng/ul#	94
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85) Benzo(a)anthracene	21.533	228	1091226	20.347	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	941211	26.599	ng/ul#	99
87) Chrysene	21.592	228	1051582	20.667	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	1415200	24.238	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	1010157	19.678	ng/ul#	97
91) Benzo(k)fluoranthene	23.357	252	1041382	20.078	ng/ul#	96
93) Benzo(a)pyrene	23.986	252	914862	20.396	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.798	276	1211726	19.899	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.798	278	990274	19.799	ng/ul#	93
96) Benzo(g,h,i)perylene	27.639	276	991662	19.796	ng/ul#	95

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

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