

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
 Data File : BP016054.D
 Acq On : 07 Jul 2023 03:44
 Operator : MA/JU
 Sample : 03237-04MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW77MS

Quant Time: Jul 07 04:58:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 06 23:18:26 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	298923	20.000	ng/uL	0.00
20) Naphthalene-d8	10.840	136	1328944	20.000	ng/uL	#-0.01
38) Acenaphthene-d10	14.669	164	828947	20.000	ng/uL	0.00
64) Phenanthrene-d10	17.433	188	1786381	20.000	ng/uL	#-0.01
79) Chrysene-d12	21.527	240	1245991	20.000	ng/uL	#-0.01
88) Perylene-d12	24.074	264	1144913	20.000	ng/uL	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	37355	4.496	ng/uL	0.00
4) Pyridine-d5	3.805	84	241460	11.529	ng/uL	0.00
7) Phenol-d5	7.216	99	203180	7.944	ng/uL	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	711400	44.959	ng/uL	-0.01
11) 2-Chlorophenol-d4	7.552	132	593394	30.735	ng/uL	-0.01
15) 4-Methylphenol-d8	8.763	113	415917	20.585	ng/uL	0.00
21) Nitrobenzene-d5	9.210	128	423504	41.699	ng/uL	0.00
24) 2-Nitrophenol-d4	9.934	143	454920	38.378	ng/uL	-0.01
28) 2,4-Dichlorophenol-d3	10.487	165	756856	35.831	ng/uL	-0.02
31) 4-Chloroaniline-d4	11.010	131	1053002	38.807	ng/uL	-0.01
46) Dimethylphthalate-d6	14.087	166	2905682	45.351	ng/uL	0.00
49) Acenaphthylene-d8	14.369	160	3074183	42.682	ng/uL	0.00
54) 4-Nitrophenol-d4	14.957	143	43862	5.188	ng/uL	0.00
60) Fluorene-d10	15.669	176	2312010	43.824	ng/uL	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	459525	41.828	ng/uL	-0.01
73) Anthracene-d10	17.539	188	3668165	44.954	ng/uL	0.00
81) Pyrene-d10	19.769	212	4018953	49.397	ng/uL	0.00
92) Benzo(a)pyrene-d12	23.898	264	2741044	47.460	ng/uL	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	44899	5.022	ng/uL	93
5) Pyridine	3.822	79	253927	11.590	ng/uL	98
6) Benzaldehyde	7.169	77	649526	62.814	ng/uL	98
8) Phenol	7.246	94	218152	8.219	ng/uL	91
10) Bis(2-Chloroethyl)ether	7.440	93	868755	41.140	ng/uL	97
12) 2-Chlorophenol	7.587	128	586632	28.600	ng/uL	98
13) 2-Methylphenol	8.487	108	472956	23.602	ng/uL	98
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1274153m	44.176	ng/uL	
16) Acetophenone	8.863	105	1370054	41.250	ng/uL	96
17) N-Nitroso-di-n-propyla...	8.840	70	775266	42.027	ng/uL	99
18) 4-Methylphenol	8.834	108	435953	20.248	ng/uL	97
19) Hexachloroethane	9.093	117	226211	23.878	ng/uL	92
22) Nitrobenzene	9.252	77	1086984	38.112	ng/uL	97
23) Isophorone	9.781	82	2242318	41.084	ng/uL	99
25) 2-Nitrophenol	9.969	139	455329	36.194	ng/uL	91
26) 2,4-Dimethylphenol	10.028	107	748717	27.074	ng/uL	97
27) Bis(2-Chloroethoxy)met...	10.252	93	1297722	42.119	ng/uL	98
29) 2,4-Dichlorophenol	10.516	162	720430	34.306	ng/uL	98
30) Naphthalene	10.893	128	2378099	32.917	ng/uL	99
32) 4-Chloroaniline	11.034	127	914058	32.423	ng/uL	97
33) Hexachlorobutadiene	11.151	225	347039	21.883	ng/uL	99
34) Caprolactam	11.875	113	41923m	6.526	ng/uL	
35) 4-Chloro-3-methylphenol	12.163	107	842556	34.276	ng/uL	96
36) 2-Methylnaphthalene	12.504	142	1697575	35.695	ng/uL	98

07/07/2023
 Supervised By :mohammad
 Ahmed

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.722	142	1750247	36.076	ng/ul	99	07/07/2023
39) 1,2,4,5-Tetrachloroben...	12.875	216	903354	33.070	ng/ul	99	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.828	237	176779	21.632	ng/ul	99	ahmed
41) 2,4,6-Trichlorophenol	13.128	196	653287	37.842	ng/ul	99	
42) 2,4,5-Trichlorophenol	13.216	196	716098	39.107	ng/ul	99	
43) 1,1'-Biphenyl	13.504	154	2458960	37.451	ng/ul	97	
44) 2-Chloronaphthalene	13.557	162	1902716	36.786	ng/ul	99	07/07/2023
45) 2-Nitroaniline	13.787	65	770431	47.339	ng/ul	98	
47) Dimethylphthalate	14.134	163	2750228	41.477	ng/ul	99	
48) 2,6-Dinitrotoluene	14.281	165	607883	45.195	ng/ul	94	
50) Acenaphthylene	14.398	152	3122171	39.341	ng/ul	100	
51) 3-Nitroaniline	14.622	138	545632	51.731	ng/ul	93	
52) Acenaphthene	14.740	153	2183368	39.675	ng/ul	98	
53) 2,4-Dinitrophenol	14.863	184	242947	34.045	ng/ul	89	
55) 4-Nitrophenol	14.992	109	103887	11.857	ng/ul#	29	
56) Dibenzofuran	15.075	168	3013120	39.441	ng/ul	97	
57) 2,4-Dinitrotoluene	15.087	165	837684	45.703	ng/ul	89	
58) 2,3,4,6-Tetrachlorophenol	15.316	232	605937	38.525	ng/ul	98	
59) Diethylphthalate	15.487	149	2883702	42.976	ng/ul	99	
61) Fluorene	15.728	166	2509914	40.505	ng/ul	100	
62) 4-Chlorophenyl-phenyle...	15.710	204	1208696	38.121	ng/ul	97	
63) 4-Nitroaniline	15.798	138	517092	71.630	ng/ul	88	
66) 4,6-Dinitro-2-methylph...	15.857	198	431432	38.814	ng/ul	99	
67) N-Nitrosodiphenylamine	15.934	169	2143415	40.080	ng/ul	100	
68) 4-Bromophenyl-phenylether	16.610	248	782195	38.344	ng/ul	93	
69) Hexachlorobenzene	16.739	284	914932	38.011	ng/ul	98	
70) Atrazine	16.892	200	634234	30.982	ng/ul	97	
71) Pentachlorophenol	17.104	266	384509	33.284	ng/ul	96	
72) Phenanthrene	17.481	178	4078817	42.030	ng/ul	100	
74) Anthracene	17.575	178	4129950	42.352	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.475	216	942625	32.428	ng/uL	100	
76) Pentachlorobenzene	14.998	250	1023157	34.876	ng/uL	99	
77) Carbazole	17.857	167	3824874	46.537	ng/ul	99	
78) Di-n-butylphthalate	18.363	149	4996572	45.856	ng/ul	100	
80) Fluoranthene	19.445	202	4635965	45.848	ng/ul	95	
82) Pyrene	19.798	202	4715420	45.716	ng/ul#	91	
83) Butylbenzylphthalate	20.639	149	2048417	48.679	ng/ul	93	
84) 3,3'-Dichlorobenzidine	21.445	252	1167286	41.442	ng/ul	100	
85) Benzo(a)anthracene	21.510	228	3690736	42.108	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.386	149	2754155	47.624	ng/ul	99	
87) Chrysene	21.569	228	3733246	44.893	ng/ul	99	
89) Di-n-octyl phthalate	22.345	149	4058679	48.507	ng/ul	100	
90) Benzo(b)fluoranthene	23.280	252	3145261m	42.755	ng/ul		
91) Benzo(k)fluoranthene	23.333	252	3343818	44.987	ng/ul#	97	
93) Benzo(a)pyrene	23.957	252	2800582	43.568	ng/ul#	98	
94) Indeno(1,2,3-cd)pyrene	26.757	276	3622195	41.509	ng/ul#	92	
95) Dibenzo(a,h)anthracene	26.757	278	2991705	41.739	ng/ul#	95	
96) Benzo(g,h,i)perylene	27.598	276	2985687	41.590	ng/ul#	95	

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

