

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051822\
 Data File : BM035135.D
 Acq On : 18 May 2022 09:43
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020125

Quant Time: May 19 00:48:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 16:13:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	173967	20.000	ng/u1	0.00
20) Naphthalene-d8	10.704	136	676643	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	403356	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	804358	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	788778	20.000	ng/u1	0.00
88) Perylene-d12	23.850	264	800384	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	34290	8.144	ng/uL	0.00
4) Pyridine-d5	3.781	84	222634	20.498	ng/u1	0.00
7) Phenol-d5	7.069	99	259314	20.226	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	169620	20.969	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	233534	20.547	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	217452	20.190	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	108499	20.452	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	118837	20.006	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	211802	20.047	ng/u1	0.00
31) 4-Chloroaniline-d4	10.839	131	292258	20.061	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	613760	20.886	ng/u1	0.00
49) Acenaphthylene-d8	14.233	160	737049	20.985	ng/u1	0.00
54) 4-Nitrophenol-d4	14.733	143	105376	20.226	ng/u1	0.00
60) Fluorene-d10	15.533	176	518239	20.845	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	99242	19.107	ng/u1	0.00
73) Anthracene-d10	17.380	188	770292	20.574	ng/u1	0.00
81) Pyrene-d10	19.674	212	859237	20.453	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.697	264	837592	20.649	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	36113	8.254	ng/uL	98
5) Pyridine	3.799	79	235321	20.905	ng/u1	94
6) Benzaldehyde	7.046	77	160712	25.262	ng/u1	98
8) Phenol	7.098	94	276587	20.512	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.328	93	220829	21.128	ng/u1	98
12) 2-Chlorophenol	7.469	128	243747	20.992	ng/u1	99
13) 2-Methylphenol	8.351	108	204974	20.252	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.440	45	321195	21.633	ng/u1	99
16) Acetophenone	8.728	105	342419	20.526	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.716	70	166900	21.102	ng/u1	95
18) 4-Methylphenol	8.675	108	224470	20.754	ng/u1	97
19) Hexachloroethane	8.987	117	104619	20.727	ng/u1	97
22) Nitrobenzene	9.104	77	262138	20.664	ng/u1	98
23) Isophorone	9.634	82	463062	20.683	ng/u1	98
25) 2-Nitrophenol	9.816	139	130460	20.516	ng/u1	91
26) 2,4-Dimethylphenol	9.881	107	258257	20.605	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.116	93	280529	20.816	ng/u1	100
29) 2,4-Dichlorophenol	10.351	162	214184	20.105	ng/u1	97
30) Naphthalene	10.757	128	719300	20.552	ng/u1	100
32) 4-Chloroaniline	10.863	127	293339	20.135	ng/u1	99
33) Hexachlorobutadiene	11.051	225	153052	19.757	ng/u1	99
34) Caprolactam	11.628	113	60994	19.871	ng/u1	92
35) 4-Chloro-3-methylphenol	11.992	107	220505	20.618	ng/u1	97
36) 2-Methylnaphthalene	12.369	142	486554	20.753	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.586	142	487627	20.751	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.739	216	262050	20.204	ng/ul	98
40) Hexachlorocyclopentadiene	12.722	237	172792	18.683	ng/ul	99
41) 2,4,6-Trichlorophenol	12.975	196	169559	20.470	ng/ul	96
42) 2,4,5-Trichlorophenol	13.045	196	179404	20.406	ng/ul	99
43) 1,1'-Biphenyl	13.375	154	652713	20.901	ng/ul	98
44) 2-Chloronaphthalene	13.416	162	500135	20.654	ng/ul	97
45) 2-Nitroaniline	13.616	65	141539	20.801	ng/ul	96
47) Dimethylphthalate	13.998	163	617352	20.982	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	122377	20.882	ng/ul	92
50) Acenaphthylene	14.263	152	795219	21.068	ng/ul	99
51) 3-Nitroaniline	14.439	138	118024	21.001	ng/ul	91
52) Acenaphthene	14.604	153	520152	20.692	ng/ul	99
53) 2,4-Dinitrophenol	14.645	184	69177	18.018	ng/ul	93
55) 4-Nitrophenol	14.745	109	96933	19.833	ng/ul	92
56) Dibenzofuran	14.939	168	731962	20.820	ng/ul	96
57) 2,4-Dinitrotoluene	14.904	165	173185	21.045	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.169	232	145860	20.479	ng/ul	96
59) Diethylphthalate	15.363	149	624938	20.975	ng/ul	99
61) Fluorene	15.586	166	597773	20.898	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.580	204	298257	20.539	ng/ul	98
63) 4-Nitroaniline	15.598	138	114624	22.512	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.669	198	100934	19.388	ng/ul#	95
67) N-Nitrosodiphenylamine	15.792	169	504298	20.725	ng/ul	99
68) 4-Bromophenyl-phenylether	16.474	248	172311	20.227	ng/ul	95
69) Hexachlorobenzene	16.598	284	197007	20.251	ng/ul	99
70) Atrazine	16.751	200	184769	19.461	ng/ul	99
71) Pentachlorophenol	16.933	266	121755	18.729	ng/ul	100
72) Phenanthrene	17.327	178	896428	20.582	ng/ul	99
74) Anthracene	17.415	178	926349	20.872	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.339	216	271324	19.364	ng/uL	99
76) Pentachlorobenzene	14.863	250	244516	20.314	ng/uL	99
77) Carbazole	17.686	167	811911	20.671	ng/ul	100
78) Di-n-butylphthalate	18.257	149	1024650	18.229	ng/ul	98
80) Fluoranthene	19.339	202	1028251	20.376	ng/ul	99
82) Pyrene	19.704	202	1066109	20.525	ng/ul	99
83) Butylbenzylphthalate	20.603	149	449763	20.214	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.386	252	338273	20.861	ng/ul	98
85) Benzo(a)anthracene	21.450	228	1043918	20.716	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	690334	20.634	ng/ul	99
87) Chrysene	21.503	228	1023634	20.834	ng/ul	99
89) Di-n-octyl phthalate	22.309	149	1144898	19.950	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1088583	20.913	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1012359	20.472	ng/ul	100
93) Benzo(a)pyrene	23.744	252	1055234	20.807	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.321	276	1208990	20.745	ng/ul	96
95) Dibenzo(a,h)anthracene	26.333	278	1034021	20.656	ng/ul#	96
96) Benzo(g,h,i)perylene	27.080	276	1007631	20.785	ng/ul	97

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

