

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
 Data File : BM014921.D
 Acq On : 02 May 2018 14:05
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02012

Quant Time: May 03 04:17:51 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 02 06:50:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	440852	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	1900920	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	1024846	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	2258992	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	2432272	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	2310484	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	79329	7.86	ng/uL	0.00
5) Phenol-d5	7.62	99	756685	22.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	512974	23.47	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	614089	21.54	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	607970	22.37	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	283927	20.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	284333	20.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	561065	20.18	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	766336	27.92	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1655447	20.69	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	2025875	20.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	314488	21.18	ng/ul	0.00
57) Fluorene-d10	16.07	176	1396438	20.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	219915	17.99	ng/ul	0.00
70) Anthracene-d10	17.91	188	2125164	20.19	ng/ul	0.00
76) Pyrene-d10	20.15	212	2281227	19.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	2302637	20.29	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.68	88	85747	8.071	ng/uL#	83
4) Benzaldehyde	7.61	77	487315	27.182	ng/ul	91
6) Phenol	7.65	94	757188	22.581	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.89	93	605167	22.570	ng/ul#	87
10) 2-Chlorophenol	8.05	128	604508	21.531	ng/ul	94
11) 2-Methylphenol	8.93	108	550830	22.349	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.02	45	1211615	24.443	ng/ul	97
14) Acetophenone	9.33	105	914656	22.966	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.30	70	483056	23.373	ng/ul	85
16) 4-Methylphenol	9.26	108	593111	22.363	ng/ul	92
17) Hexachloroethane	9.60	117	245760	21.400	ng/ul#	65
20) Nitrobenzene	9.72	77	710066	21.628	ng/ul	95
21) Isophorone	10.25	82	1233318	21.966	ng/ul#	94
23) 2-Nitrophenol	10.44	139	311767	20.969	ng/ul#	79
24) 2,4-Dimethylphenol	10.47	107	666764	21.226	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.72	93	792333	20.992	ng/ul	96
27) 2,4-Dichlorophenol	10.97	162	535502	20.168	ng/ul#	89
28) Naphthalene	11.39	128	1870848	20.197	ng/ul	100
30) 4-Chloroaniline	11.49	127	734582	27.570	ng/ul	94
31) Hexachlorobutadiene	11.66	225	313225	18.333	ng/ul	94
32) Caprolactam	12.25	113	168745	22.058	ng/ul#	69
33) 4-Chloro-3-methylphenol	12.57	107	594257	22.127	ng/ul	97
34) 2-Methylnaphthalene	12.96	142	1299726	20.205	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.32	216	583679	18.168	ng/ul#	95
37) Hexachlorocyclopentadiene	13.29	237	375807	16.979	ng/ul	99
38) 2,4,6-Trichlorophenol	13.55	196	398830	20.099	ng/ul	96
39) 2,4,5-Trichlorophenol	13.62	196	420014	19.817	ng/ul	99
40) 1,1'-Biphenyl	13.95	154	1637433	19.869	ng/ul#	98
41) 2-Chloronaphthalene	13.99	162	1270323	19.849	ng/ul	97
42) 2-Nitroaniline	14.19	65	405824	23.962	ng/ul	97
44) Dimethylphthalate	14.54	163	1598984	20.676	ng/ul	99
45) 2,6-Dinitrotoluene	14.66	165	316828	22.337	ng/ul#	96
47) Acenaphthylene	14.83	152	1972260	20.607	ng/ul	100
48) 3-Nitroaniline	14.99	138	337155	24.156	ng/ul	91
49) Acenaphthene	15.16	153	1379805	20.286	ng/ul	99
50) 2,4-Dinitrophenol	15.19	184	146842	18.645	ng/ul#	82
52) 4-Nitrophenol	15.27	109	244790	22.877	ng/ul#	85
53) Dibenzofuran	15.49	168	1888893	19.999	ng/ul	98
54) 2,4-Dinitrotoluene	15.44	165	465406	22.270	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.70	232	364070	20.244	ng/ul#	77
56) Diethylphthalate	15.88	149	1661122	21.338	ng/ul	93
58) Fluorene	16.13	166	1546516	20.278	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.12	204	746488	19.555	ng/ul	92
60) 4-Nitroaniline	16.14	138	359974	22.108	ng/ul#	83
63) 4,6-Dinitro-2-methylphenol	16.20	198	227685	17.926	ng/ul	93
64) N-Nitrosodiphenylamine	16.32	169	1321436	20.171	ng/ul	100
65) 4-Bromophenyl-phenylether	17.00	248	459092	19.242	ng/ul#	91
66) Hexachlorobenzene	17.12	284	546343	19.710	ng/ul#	90
67) Atrazine	17.24	200	471757	22.551	ng/ul#	94
68) Pentachlorophenol	17.46	266	303531	19.254	ng/ul	99
69) Phenanthrene	17.86	178	2419163	19.941	ng/ul	98
71) Anthracene	17.94	178	2483735	20.173	ng/ul	98
72) Carbazole	18.20	167	2225475	21.188	ng/ul	98
73) Di-n-butylphthalate	18.73	149	2870121	22.472	ng/ul#	98
74) Fluoranthene	19.82	202	2769296	20.937	ng/ul#	80
77) Pyrene	20.18	202	2832497	19.931	ng/ul#	78
78) Butylbenzylphthalate	21.02	149	1343667	23.176	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.80	252	986401	21.257	ng/ul#	94
80) Benzo(a)anthracene	21.89	228	2875700	20.218	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.77	149	1973936	23.195	ng/ul#	96
82) Chrysene	21.94	228	2641462	19.838	ng/ul	99
84) Di-n-octyl phthalate	22.72	149	3256042	24.502	ng/ul#	90
85) Benzo(b)fluoranthene	23.62	252	2739844	20.116	ng/ul#	96
86) Benzo(k)fluoranthene	23.67	252	2734109	20.876	ng/ul#	96
88) Benzo(a)pyrene	24.27	252	2542587	19.680	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.94	276	2692352	17.226	ng/ul#	87
90) Dibenzo(a,h)anthracene	26.96	278	2279133	17.319	ng/ul#	93
91) Benzo(g,h,i)perylene	27.74	276	2113163	16.434	ng/ul#	89

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

