

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
 Data File : BM014773.D
 Acq On : 20 Apr 2018 21:07
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02092

Quant Time: Apr 20 23:56:58 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 20 23:53:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	355760	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1502416	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.14	164	796299	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1656730	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1588461	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1682189	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.68	96	58022	7.12	ng/uL	0.00
5) Phenol-d5	7.66	99	568703	20.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	360796	20.46	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	465013	20.21	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	454841	20.74	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	218497	20.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	222859	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	435206	19.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	574527	26.48	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	1187874	19.11	ng/ul	0.00
46) Acenaphthylene-d8	14.85	160	1519146	19.79	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	219786	19.05	ng/ul	0.00
57) Fluorene-d10	16.12	176	1016314	18.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	119436	13.32	ng/ul	0.00
70) Anthracene-d10	17.95	188	1498161	19.40	ng/ul	0.00
76) Pyrene-d10	20.19	212	1520596	20.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.28	264	1578711	19.10	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.72	88	62871	7.334	ng/uL#	77
4) Benzaldehyde	7.66	77	354695	24.517	ng/ul	89
6) Phenol	7.69	94	555804	20.540	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.94	93	437960	20.241	ng/ul	89
10) 2-Chlorophenol	8.10	128	455117	20.087	ng/ul	98
11) 2-Methylphenol	8.97	108	412837	20.756	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.07	45	834299	20.857	ng/ul	96
14) Acetophenone	9.38	105	665472	20.706	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.35	70	351425	21.071	ng/ul#	80
16) 4-Methylphenol	9.30	108	446224	20.849	ng/ul	92
17) Hexachloroethane	9.65	117	170669	18.416	ng/ul#	70
20) Nitrobenzene	9.77	77	516641	19.910	ng/ul	93
21) Isophorone	10.29	82	910601	20.520	ng/ul#	93
23) 2-Nitrophenol	10.49	139	244067	20.769	ng/ul#	74
24) 2,4-Dimethylphenol	10.53	107	489275	19.707	ng/ul#	81
25) Bis(2-Chloroethoxy)methane	10.77	93	576823	19.336	ng/ul	93
27) 2,4-Dichlorophenol	11.02	162	408647	19.473	ng/ul#	88
28) Naphthalene	11.44	128	1397205	19.084	ng/ul	100
30) 4-Chloroaniline	11.53	127	543562	25.812	ng/ul	94
31) Hexachlorobutadiene	11.71	225	247413	18.322	ng/ul	95
32) Caprolactam	12.29	113	127870	21.149	ng/ul#	62
33) 4-Chloro-3-methylphenol	12.62	107	430363	20.274	ng/ul	93
34) 2-Methylnaphthalene	13.01	142	976630	19.209	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	13.36	216	471873	18.903	ng/ul#	97
37) Hexachlorocyclopentadiene	13.34	237	207774	12.082	ng/ul	99
38) 2,4,6-Trichlorophenol	13.59	196	310644	20.148	ng/ul	96
39) 2,4,5-Trichlorophenol	13.66	196	327389	19.880	ng/ul	98
40) 1,1'-Biphenyl	13.99	154	1234435	19.278	ng/ul#	98
41) 2-Chloronaphthalene	14.04	162	962855	19.363	ng/ul	98
42) 2-Nitroaniline	14.23	65	285484	21.695	ng/ul	95
44) Dimethylphthalate	14.58	163	1141692	19.000	ng/ul	99
45) 2,6-Dinitrotoluene	14.71	165	224296	20.352	ng/ul	87
47) Acenaphthylene	14.87	152	1462926	19.672	ng/ul	99
48) 3-Nitroaniline	15.03	138	249606	23.016	ng/ul	88
49) Acenaphthene	15.21	153	1025106	19.397	ng/ul	98
50) 2,4-Dinitrophenol	15.23	184	74900	12.240	ng/ul#	80
52) 4-Nitrophenol	15.31	109	159406	19.173	ng/ul#	81
53) Dibenzofuran	15.53	168	1394675	19.004	ng/ul	98
54) 2,4-Dinitrotoluene	15.48	165	321755	19.815	ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	15.75	232	271344	19.419	ng/ul#	87
56) Diethylphthalate	15.92	149	1149350	19.002	ng/ul	94
58) Fluorene	16.17	166	1110618	18.742	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.16	204	549687	18.532	ng/ul	96
60) 4-Nitroaniline	16.18	138	269969	21.339	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.23	198	125679	13.492	ng/ul	94
64) N-Nitrosodiphenylamine	16.36	169	951055	19.795	ng/ul	99
65) 4-Bromophenyl-phenylether	17.04	248	333538	19.062	ng/ul	94
66) Hexachlorobenzene	17.16	284	388374	19.104	ng/ul#	92
67) Atrazine	17.29	200	320644	20.900	ng/ul	94
68) Pentachlorophenol	17.50	266	211180	18.265	ng/ul	98
69) Phenanthrene	17.90	178	1685585	18.945	ng/ul	99
71) Anthracene	17.99	178	1735244	19.217	ng/ul	99
72) Carbazole	18.24	167	1519936	19.732	ng/ul	99
73) Di-n-butylphthalate	18.76	149	1921189	20.510	ng/ul#	97
74) Fluoranthene	19.86	202	1858806	19.162	ng/ul#	83
77) Pyrene	20.22	202	1856838	20.007	ng/ul#	79
78) Butylbenzylphthalate	21.05	149	859992	22.713	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.84	252	672843	22.202	ng/ul#	94
80) Benzo(a)anthracene	21.92	228	1824725	19.644	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.80	149	1236350	22.245	ng/ul#	97
82) Chrysene	21.98	228	1702368	19.577	ng/ul	99
84) Di-n-octyl phthalate	22.76	149	2064970	21.343	ng/ul#	93
85) Benzo(b)fluoranthene	23.67	252	1853140	18.688	ng/ul#	96
86) Benzo(k)fluoranthene	23.72	252	1772541	18.589	ng/ul#	95
88) Benzo(a)pyrene	24.33	252	1805787	19.197	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.03	276	2168033	19.052	ng/ul#	87
90) Dibenzo(a,h)anthracene	27.04	278	1834369	19.145	ng/ul#	93
91) Benzo(g,h,i)perylene	27.83	276	1785554	19.073	ng/ul#	89

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

