

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062017\
 Data File : BM010594.D
 Acq On : 20 Jun 2017 17:43
 Operator : SJ/MA
 Sample : SSTD16036
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16036

Quant Time: Jun 20 18:17:33 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 20 17:04:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	99663	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	456728	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.13	164	309616	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.88	188	801596	20.00	ng/ul	0.00
75) Chrysene-d12	21.10	240	897660	20.00	ng/ul	0.01
83) Perylene-d12	23.24	264	628354	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	105689	54.86	ng/uL	0.00
5) Phenol-d5	6.67	99	1588566	146.71	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.83	67	840017	113.78	ng/ul	0.01
9) 2-Chlorophenol-d4	7.02	132	1171212	177.45	ng/ul	0.01
13) 4-Methylphenol-d8	8.20	113	1292731	153.16	ng/ul	0.02
19) Nitrobenzene-d5	8.63	128	568514	162.23	ng/ul	0.02
22) 2-Nitrophenol-d4	9.34	143	687518	182.04	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.87	165	1363618	179.07	ng/ul	0.02
29) 4-Chloroaniline-d4	10.39	131	821284	87.14	ng/ul	0.01
43) Dimethylphthalate-d6	13.56	166	4478071	172.38	ng/ul	0.02
46) Acenaphthylene-d8	13.82	160	5359761	171.43	ng/ul	0.01
51) 4-Nitrophenol-d4	14.38	143	813870	156.61	ng/ul	0.05
57) Fluorene-d10	15.13	176	4009945	170.88	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.28	200	928054	164.10	ng/ul	0.04
70) Anthracene-d10	16.99	188	6471499	185.54	ng/ul	0.02
76) Pyrene-d10	19.30	212	7246317	185.27	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.12	264	5381373	161.09	ng/ul	0.02

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.10	88	113567	48.143	ng/uL#	44
4) Benzaldehyde	6.63	77	667487	94.637	ng/ul	94
6) Phenol	6.70	94	1630494	145.695	ng/ul	88
8) Bis(2-Chloroethyl)ether	6.93	93	1118085	133.047	ng/ul	95
10) 2-Chlorophenol	7.05	128	1154365	171.254	ng/ul	97
11) 2-Methylphenol	7.92	108	1244590	154.518	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.02	45	767608	54.697	ng/ul	94
14) Acetophenone	8.30	105	2050927	147.723	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.32	70	1110301	138.151	ng/ul#	89
16) 4-Methylphenol	8.27	108	1337553	150.055	ng/ul	95
17) Hexachloroethane	8.53	117	493179	159.030	ng/ul#	79
20) Nitrobenzene	8.67	77	1616807	143.779	ng/ul	99
21) Isophorone	9.21	82	3037563	153.271	ng/ul	99
23) 2-Nitrophenol	9.37	139	714518	175.740	ng/ul	92
24) 2,4-Dimethylphenol	9.45	107	1712678	171.289	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.69	93	1668804	146.511	ng/ul	96
27) 2,4-Dichlorophenol	9.90	162	1329566	177.602	ng/ul#	88
28) Naphthalene	10.29	128	3768996	164.316	ng/ul	100
30) 4-Chloroaniline	10.41	127	863067	91.695	ng/ul	93
31) Hexachlorobutadiene	10.58	225	949414	178.585	ng/ul	94
32) Caprolactam	11.25	113	238162	81.808	ng/ul	96
33) 4-Chloro-3-methylphenol	11.56	107	1635877	181.048	ng/ul	95
34) 2-Methylnaphthalene	11.92	142	3034968	170.100	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.30	216	1880843	181.495	ng/ul#	98
37) Hexachlorocyclopentadiene	12.27	237	1151609	205.366	ng/ul	99
38) 2,4,6-Trichlorophenol	12.55	196	1301979	186.338	ng/ul	98
39) 2,4,5-Trichlorophenol	12.62	196	1324259	184.254	ng/ul	97
40) 1,1'-Biphenyl	12.96	154	4117240	167.579	ng/ul	99
41) 2-Chloronaphthalene	12.99	162	3225686	170.619	ng/ul	96
42) 2-Nitroaniline	13.22	65	1054845	135.609	ng/ul	97
44) Dimethylphthalate	13.61	163	4379736	171.199	ng/ul	99
45) 2,6-Dinitrotoluene	13.73	165	917694	177.889	ng/ul#	92
47) Acenaphthylene	13.85	152	5093360	165.790	ng/ul	99
48) 3-Nitroaniline	14.06	138	738904	139.835	ng/ul	96
49) Acenaphthene	14.20	153	3454745	165.433	ng/ul	100
50) 2,4-Dinitrophenol	14.26	184	666248	186.680	ng/ul	86
52) 4-Nitrophenol	14.40	109	1033629	173.567	ng/ul	100
53) Dibenzofuran	14.54	168	5231671	169.302	ng/ul	95
54) 2,4-Dinitrotoluene	14.53	165	1406538	179.899	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.77	232	1363648	194.646	ng/ul#	86
56) Diethylphthalate	15.00	149	4697041	170.601	ng/ul	94
58) Fluorene	15.19	166	4616471	174.895	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.19	204	2445594	177.456	ng/ul	94
60) 4-Nitroaniline	15.19	138	76023	12.326	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.30	198	954069	163.526	ng/ul#	99
64) N-Nitrosodiphenylamine	15.42	169	3827874	161.797	ng/ul	98
65) 4-Bromophenyl-phenylether	16.09	248	1552514	172.129	ng/ul#	92
66) Hexachlorobenzene	16.19	284	1649171	167.003	ng/ul#	86
67) Atrazine	16.39	200	1370452	138.873	ng/ul	93
68) Pentachlorophenol	16.54	266	1155444	187.148	ng/ul	99
69) Phenanthrene	16.93	178	7156559	161.548	ng/ul	99
71) Anthracene	17.03	178	7402850	159.205	ng/ul	98
72) Carbazole	17.30	167	6275828	144.676	ng/ul	98
73) Di-n-butylphthalate	17.88	149	8151042	162.615	ng/ul	99
74) Fluoranthene	18.96	202	8901361	153.215	ng/ul#	92
77) Pyrene	19.33	202	9024719	179.955	ng/ul#	90
78) Butylbenzylphthalate	20.26	149	3740512	182.958	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.03	252	2868898	172.810	ng/ul#	95
80) Benzo(a)anthracene	21.09	228	8633903	163.838	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.04	149	5684913	182.760	ng/ul#	98
82) Chrysene	21.14	228	7697190	162.376	ng/ul	98
84) Di-n-octyl phthalate	21.90	149	8876613	193.355	ng/ul#	93
85) Benzo(b)fluoranthene	22.62	252	7456236	170.055	ng/ul#	98
86) Benzo(k)fluoranthene	22.67	252	7031651	173.594	ng/ul#	98
88) Benzo(a)pyrene	23.17	252	6597014	160.079	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.40	276	6214198	132.303	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.41	278	5305761	132.120	ng/ul#	96
91) Benzo(g,h,i)perylene	26.05	276	4832059	129.192	ng/ul#	97

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

