

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010617\
 Data File : BM008735.D
 Acq On : 06 Jan 2017 15:02
 Operator : UM/SJ
 Sample : SSTD16055
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16055

Quant Time: Jan 06 15:50:54 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 06 13:55:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	114187	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	497761	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.60	164	389225	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.34	188	879973	20.00	ng/ul	0.00
75) Chrysene-d12	21.51	240	1045701	20.00	ng/ul	0.00
83) Perylene-d12	23.88	264	963915	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	158627	68.67	ng/uL	0.00
5) Phenol-d5	7.13	99	1571819	184.64	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.30	67	1027630	209.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	1153455	175.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	1211732	183.15	ng/ul	0.02
19) Nitrobenzene-d5	9.14	128	552727	154.64	ng/ul	0.01
22) 2-Nitrophenol-d4	9.86	143	649093	159.63	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.39	165	1332813	179.99	ng/ul	0.01
29) 4-Chloroaniline-d4	10.91	131	1118623	155.14	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	4307275	171.69	ng/ul	0.01
46) Acenaphthylene-d8	14.30	160	5194943	168.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	738667	190.60	ng/ul	0.03
57) Fluorene-d10	15.59	176	3933663	181.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.72	200	868495	166.22	ng/ul	0.02
70) Anthracene-d10	17.44	188	6443860	170.22	ng/ul	0.01
76) Pyrene-d10	19.73	212	7564298	178.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.74	264	6876809	171.25	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	178502	67.31	ng/uL#	74
4) Benzaldehyde	7.11	77	608536	98.77	ng/ul	88
6) Phenol	7.15	94	1691593	193.54	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.39	93	1213311	182.92	ng/ul#	88
10) 2-Chlorophenol	7.53	128	1148485	170.25	ng/ul#	84
11) 2-Methylphenol	8.40	108	1246475	192.35	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.50	45	1810394	245.56	ng/ul#	93
14) Acetophenone	8.80	105	2110449	199.41	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.80	70	1208263	217.53	ng/ul#	80
16) 4-Methylphenol	8.75	108	1319781	189.01	ng/ul	97
17) Hexachloroethane	9.05	117	591399	196.52	ng/ul	99
20) Nitrobenzene	9.18	77	1837807	206.85	ng/ul#	88
21) Isophorone	9.72	82	3230574	197.31	ng/ul#	94
23) 2-Nitrophenol	9.89	139	662971	159.89	ng/ul#	52
24) 2,4-Dimethylphenol	9.94	107	1717520	192.97	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.19	93	1677454	176.54	ng/ul	99
27) 2,4-Dichlorophenol	10.42	162	1313180	181.32	ng/ul	97
28) Naphthalene	10.83	128	3818587	165.14	ng/ul	99
30) 4-Chloroaniline	10.93	127	1159317	156.09	ng/ul	99
31) Hexachlorobutadiene	11.10	225	1116874	194.47	ng/ul	97
32) Caprolactam	11.77	113	213988	105.94	ng/ul#	55
33) 4-Chloro-3-methylphenol	12.06	107	1557229	200.09	ng/ul	94
34) 2-Methylnaphthalene	12.43	142	2978177	179.94	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.79	216	1939684	160.49	ng/ul#	99
37) Hexachlorocyclopentadiene	12.77	237	1408587	235.37	ng/ul	97
38) 2,4,6-Trichlorophenol	13.03	196	1203143	165.97	ng/ul	98
39) 2,4,5-Trichlorophenol	13.10	196	1299900	169.28	ng/ul	98
40) 1,1'-Biphenyl	13.44	154	4080225	155.56	ng/ul	99
41) 2-Chloronaphthalene	13.48	162	3226108	160.95	ng/ul	98
42) 2-Nitroaniline	13.69	65	1293137	225.90	ng/ul#	81
44) Dimethylphthalate	14.06	163	4218890	171.50	ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	852417	174.83	ng/ul#	78
47) Acenaphthylene	14.33	152	5002465	160.82	ng/ul	100
48) 3-Nitroaniline	14.52	138	707773	154.72	ng/ul	87
49) Acenaphthene	14.67	153	3474268	163.55	ng/ul	95
50) 2,4-Dinitrophenol	14.71	184	609823	198.00	ng/ul#	66
52) 4-Nitrophenol	14.82	109	1201310	329.73	ng/ul#	70
53) Dibenzofuran	15.00	168	5122445	169.48	ng/ul	92
54) 2,4-Dinitrotoluene	14.97	165	1284547	184.83	ng/ul#	100
55) 2,3,4,6-Tetrachlorophenol	15.22	232	1271810	184.44	ng/ul	93
56) Diethylphthalate	15.43	149	4540444	172.38	ng/ul	97
58) Fluorene	15.65	166	4423716	180.28	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.64	204	2451420	188.72	ng/ul	94
60) 4-Nitroaniline	15.69	138	835104	182.05	ng/ul#	41
63) 4,6-Dinitro-2-methylphenol	15.73	198	892781	166.14	ng/ul#	79
64) N-Nitrosodiphenylamine	15.86	169	3745994	152.54	ng/ul	98
65) 4-Bromophenyl-phenylether	16.53	248	1547368	157.77	ng/ul	91
66) Hexachlorobenzene	16.64	284	1718582	159.24	ng/ul#	90
67) Atrazine	16.81	200	1617820	168.11	ng/ul	96
68) Pentachlorophenol	16.99	266	1125475	180.20	ng/ul	98
69) Phenanthrene	17.39	178	7177266	163.12	ng/ul	98
71) Anthracene	17.48	178	7336508	163.39	ng/ul	98
72) Carbazole	17.75	167	6390906	163.90	ng/ul	98
73) Di-n-butylphthalate	18.30	149	7955774	172.10	ng/ul#	98
74) Fluoranthene	19.39	202	9053747	177.19	ng/ul	96
77) Pyrene	19.76	202	9159725	170.25	ng/ul#	94
78) Butylbenzylphthalate	20.64	149	3772696	182.08	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.43	252	2979106	161.37	ng/ul	100
80) Benzo(a)anthracene	21.50	228	9310591	172.52	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.42	149	5532995	177.19	ng/ul	99
82) Chrysene	21.55	228	8796632	172.60	ng/ul	98
84) Di-n-octyl phthalate	22.33	149	8948764	180.33	ng/ul#	94
85) Benzo(b)fluoranthene	23.17	252	9015800	174.66	ng/ul#	97
86) Benzo(k)fluoranthene	23.22	252	8628040	177.28	ng/ul#	98
88) Benzo(a)pyrene	23.79	252	8693138	175.27	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.35	276	9727440	160.81	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.36	278	8453957	165.73	ng/ul#	96
91) Benzo(g,h,i)perylene	27.09	276	8017729	159.39	ng/ul#	94

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

