

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042517\
 Data File : BM009705.D
 Acq On : 25 Apr 2017 12:50
 Operator : SJ/MA
 Sample : SSTD16027
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16027

Quant Time: Apr 25 13:21:24 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 25 12:00:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	146353	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	662471	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	420291	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1036861	20.00	ng/ul	0.01
75) Chrysene-d12	21.41	240	1188166	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	809641	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	189618	47.71	ng/uL	0.00
5) Phenol-d5	7.00	99	2706091	202.85	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	1752085	186.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	1822850	196.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	2069225	209.97	ng/ul	0.02
19) Nitrobenzene-d5	9.01	128	916452	179.39	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	1053873	195.70	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	2032061	190.16	ng/ul	0.02
29) 4-Chloroaniline-d4	10.78	131	2032950	188.80	ng/ul	0.01
43) Dimethylphthalate-d6	13.90	166	6338620	187.00	ng/ul	0.02
46) Acenaphthylene-d8	14.18	160	7899811	184.12	ng/ul	0.01
51) 4-Nitrophenol-d4	14.72	143	1227382	201.73	ng/ul	0.04
57) Fluorene-d10	15.48	176	5778483	198.39	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.63	200	1344196	203.47	ng/ul	0.03
70) Anthracene-d10	17.34	188	9247604	184.12	ng/ul	0.02
76) Pyrene-d10	19.63	212	10417197	203.63	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.59	264	7044273	192.38	ng/ul	0.02

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.34	88	221177	47.38	ng/uL#	69
4) Benzaldehyde	6.98	77	1270252	154.04	ng/ul#	83
6) Phenol	7.03	94	2803354	194.62	ng/ul#	65
8) Bis(2-Chloroethyl)ether	7.26	93	1994847	180.74	ng/ul#	82
10) 2-Chlorophenol	7.40	128	1856032	191.58	ng/ul#	76
11) 2-Methylphenol	8.27	108	1996771	198.12	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.36	45	3287232	182.25	ng/ul	96
14) Acetophenone	8.67	105	3376587	200.23	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.67	70	2121867	213.08	ng/ul#	83
16) 4-Methylphenol	8.63	108	2193629	199.23	ng/ul	94
17) Hexachloroethane	8.90	117	796718	169.97	ng/ul	93
20) Nitrobenzene	9.05	77	2877649	170.84	ng/ul#	88
21) Isophorone	9.58	82	5151785	187.14	ng/ul#	95
23) 2-Nitrophenol	9.76	139	1089089	180.64	ng/ul#	52
24) 2,4-Dimethylphenol	9.81	107	2608970	183.83	ng/ul#	84
25) Bis(2-Chloroethoxy)methane	10.05	93	2906801	175.50	ng/ul	97
27) 2,4-Dichlorophenol	10.29	162	1957620	182.42	ng/ul#	92
28) Naphthalene	10.68	128	5870462	169.79	ng/ul	98
30) 4-Chloroaniline	10.80	127	2042218	181.95	ng/ul	96
31) Hexachlorobutadiene	10.95	225	1267997	158.37	ng/ul	98
32) Caprolactam	11.65	113	382908	109.32	ng/ul	81
33) 4-Chloro-3-methylphenol	11.94	107	2423317	200.71	ng/ul#	89
34) 2-Methylnaphthalene	12.29	142	4588078	187.68	ng/ul	100

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36) 1,2,4,5-Tetrachlorobenzene	12.66	216	2574417	166.53	ng/ul#	96
37) Hexachlorocyclopentadiene	12.63	237	1487699	176.73	ng/ul	100
38) 2,4,6-Trichlorophenol	12.91	196	1785071	180.51	ng/ul	92
39) 2,4,5-Trichlorophenol	12.99	196	1831663	183.25	ng/ul	93
40) 1,1'-Biphenyl	13.31	154	6106639	173.29	ng/ul	94
41) 2-Chloronaphthalene	13.36	162	4688088	168.47	ng/ul	94
42) 2-Nitroaniline	13.58	65	2039016	191.57	ng/ul#	74
44) Dimethylphthalate	13.94	163	6144802	180.27	ng/ul	99
45) 2,6-Dinitrotoluene	14.08	165	1349915	198.34	ng/ul#	72
47) Acenaphthylene	14.21	152	7751941	180.03	ng/ul	100
48) 3-Nitroaniline	14.42	138	1099526	163.49	ng/ul#	81
49) Acenaphthene	14.55	153	5244320	181.06	ng/ul	98
50) 2,4-Dinitrophenol	14.62	184	944573	223.92	ng/ul#	73
52) 4-Nitrophenol	14.73	109	1354181	190.65	ng/ul#	70
53) Dibenzofuran	14.89	168	7681300	184.26	ng/ul	90
54) 2,4-Dinitrotoluene	14.87	165	2038814	202.25	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	15.11	232	1805073	196.49	ng/ul#	96
56) Diethylphthalate	15.31	149	6659241	191.09	ng/ul	97
58) Fluorene	15.54	166	6729056	194.59	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.52	204	3401823	189.28	ng/ul	95
60) 4-Nitroaniline	15.53	138	92971	12.63	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.64	198	1367781	196.73	ng/ul#	76
64) N-Nitrosodiphenylamine	15.74	169	5538496	174.75	ng/ul	98
65) 4-Bromophenyl-phenylether	16.42	248	2116646	177.53	ng/ul#	88
66) Hexachlorobenzene	16.53	284	2224058	169.98	ng/ul	93
67) Atrazine	16.71	200	2122645	172.55	ng/ul	97
68) Pentachlorophenol	16.88	266	1471582	182.45	ng/ul#	86
69) Phenanthrene	17.28	178	10225851	175.74	ng/ul	99
71) Anthracene	17.37	178	10799869	178.31	ng/ul	98
72) Carbazole	17.64	167	9348751	175.69	ng/ul	98
73) Di-n-butylphthalate	18.19	149	11524498	179.04	ng/ul#	95
74) Fluoranthene	19.29	202	12244388	169.62	ng/ul#	87
77) Pyrene	19.66	202	12309159	182.38	ng/ul#	85
78) Butylbenzylphthalate	20.54	149	5644646	202.61	ng/ul	89
79) 3,3'-Dichlorobenzidine	21.33	252	2922237	121.08	ng/ul	100
80) Benzo(a)anthracene	21.40	228	11691261	168.05	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.30	149	8313692	201.79	ng/ul	95
82) Chrysene	21.45	228	10546653	168.24	ng/ul	99
84) Di-n-octyl phthalate	22.20	149	11613631	215.60	ng/ul	98
85) Benzo(b)fluoranthene	23.03	252	9833389	197.37	ng/ul#	96
86) Benzo(k)fluoranthene	23.08	252	8897946	187.48	ng/ul#	98
88) Benzo(a)pyrene	23.64	252	8740119	182.04	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.11	276	8891919	158.48	ng/ul#	89
90) Dibenzo(a,h)anthracene	26.12	278	7662974	161.54	ng/ul#	95
91) Benzo(g,h,i)perylene	26.84	276	6956766	151.70	ng/ul#	93

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

