

Data Path : Z:\HPCHEM1\BNA_M\Data\BM022317\
 Data File : BM009007.D
 Acq On : 23 Feb 2017 15:37
 Operator : SJ/MA
 Sample : SSTD16053
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16053

Quant Time: Feb 23 16:13:06 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 23 14:43:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	205677	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	824364	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.55	164	594248	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1187116	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1409947	20.00	ng/ul	0.00
83) Perylene-d12	23.82	264	1305669	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	322369	60.31	ng/uL	0.00
5) Phenol-d5	7.07	99	3133445	171.46	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.24	67	2179137	163.83	ng/ul	0.01
9) 2-Chlorophenol-d4	7.44	132	2134612	173.91	ng/ul	0.01
13) 4-Methylphenol-d8	8.62	113	2292085	168.01	ng/ul	0.02
19) Nitrobenzene-d5	9.07	128	1025751	181.43	ng/ul	0.01
22) 2-Nitrophenol-d4	9.79	143	1191173	192.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	2321601	175.81	ng/ul	0.01
29) 4-Chloroaniline-d4	10.85	131	1961414	146.29	ng/ul	0.01
43) Dimethylphthalate-d6	13.96	166	6618431	162.88	ng/ul	0.01
46) Acenaphthylene-d8	14.25	160	8582419	174.82	ng/ul	0.01
51) 4-Nitrophenol-d4	14.76	143	1207597	168.71	ng/ul	0.03
57) Fluorene-d10	15.54	176	6185040	163.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	1348265	191.13	ng/ul	0.02
70) Anthracene-d10	17.39	188	9582656	171.58	ng/ul	0.00
76) Pyrene-d10	19.68	212	10696037	176.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.67	264	10202503	173.37	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	349185	59.00	ng/uL#	71
4) Benzaldehyde	7.05	77	1577505	111.91	ng/ul#	82
6) Phenol	7.10	94	3289649	167.53	ng/ul#	67
8) Bis(2-Chloroethyl)ether	7.33	93	2512676	163.22	ng/ul#	81
10) 2-Chlorophenol	7.47	128	2187802	170.00	ng/ul#	79
11) 2-Methylphenol	8.34	108	2298719	169.29	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.43	45	4021417	163.14	ng/ul	97
14) Acetophenone	8.74	105	3915953	165.08	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.74	70	2427137	177.89	ng/ul#	80
16) 4-Methylphenol	8.69	108	2443186	164.82	ng/ul	95
17) Hexachloroethane	8.98	117	1063456	170.23	ng/ul#	84
20) Nitrobenzene	9.12	77	3414571	173.45	ng/ul#	90
21) Isophorone	9.65	82	5888044	172.66	ng/ul	95
23) 2-Nitrophenol	9.83	139	1244431	183.12	ng/ul#	59
24) 2,4-Dimethylphenol	9.88	107	2967382	172.79	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.12	93	3346213	169.95	ng/ul	98
27) 2,4-Dichlorophenol	10.36	162	2279391	172.62	ng/ul#	93
28) Naphthalene	10.76	128	6897179	167.85	ng/ul	98
30) 4-Chloroaniline	10.87	127	2082067	147.98	ng/ul	97
31) Hexachlorobutadiene	11.03	225	1795613	165.64	ng/ul	99
32) Caprolactam	11.70	113	383864	95.60	ng/ul	81
33) 4-Chloro-3-methylphenol	11.99	107	2652085	177.22	ng/ul#	94
34) 2-Methylnaphthalene	12.37	142	5227469	170.92	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.73	216	3181962	163.94	ng/ul#	96
37) Hexachlorocyclopentadiene	12.70	237	2186789	176.38	ng/ul	98
38) 2,4,6-Trichlorophenol	12.97	196	1981351	179.04	ng/ul	92
39) 2,4,5-Trichlorophenol	13.05	196	2136913	177.20	ng/ul	94
40) 1,1'-Biphenyl	13.38	154	6897085	167.20	ng/ul	94
41) 2-Chloronaphthalene	13.42	162	5369283	165.34	ng/ul	96
42) 2-Nitroaniline	13.64	65	2151218	195.27	ng/ul#	74
44) Dimethylphthalate	14.00	163	6608818	162.59	ng/ul	99
45) 2,6-Dinitrotoluene	14.13	165	1418516	191.86	ng/ul#	69
47) Acenaphthylene	14.27	152	8299744	170.41	ng/ul	100
48) 3-Nitroaniline	14.46	138	1069708	145.03	ng/ul#	81
49) Acenaphthene	14.61	153	5843963	167.96	ng/ul	97
50) 2,4-Dinitrophenol	14.66	184	978000	186.71	ng/ul#	74
52) 4-Nitrophenol	14.77	109	1497220	173.56	ng/ul#	76
53) Dibenzofuran	14.95	168	8303590	160.81	ng/ul	93
54) 2,4-Dinitrotoluene	14.92	165	2028741	180.17	ng/ul#	65
55) 2,3,4,6-Tetrachlorophenol	15.17	232	1980303	176.92	ng/ul#	94
56) Diethylphthalate	15.37	149	6877017	164.79	ng/ul	98
58) Fluorene	15.60	166	7055916	166.78	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.59	204	3749151	164.60	ng/ul	94
60) 4-Nitroaniline	15.60	138	92866	10.89	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.68	198	1397790	183.86	ng/ul#	81
64) N-Nitrosodiphenylamine	15.80	169	5997400	177.81	ng/ul	99
65) 4-Bromophenyl-phenylether	16.48	248	2343761	176.57	ng/ul	91
66) Hexachlorobenzene	16.59	284	2494298	166.67	ng/ul	93
67) Atrazine	16.76	200	2290005	171.19	ng/ul	97
68) Pentachlorophenol	16.93	266	1632131	182.44	ng/ul	86
69) Phenanthrene	17.34	178	10967321	170.23	ng/ul	99
71) Anthracene	17.43	178	11198505	170.10	ng/ul	98
72) Carbazole	17.70	167	9864125	168.29	ng/ul	98
73) Di-n-butylphthalate	18.24	149	11294922	171.98	ng/ul#	96
74) Fluoranthene	19.34	202	12590908	160.36	ng/ul#	88
77) Pyrene	19.71	202	12263140	158.30	ng/ul#	85
78) Butylbenzylphthalate	20.59	149	5600618	204.67	ng/ul	87
79) 3,3'-Dichlorobenzidine	21.38	252	3845085	143.90	ng/ul	98
80) Benzo(a)anthracene	21.44	228	12653010	158.47	ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.36	149	8122428	202.03	ng/ul	93
82) Chrysene	21.44	228	12653010	165.03	ng/ul	97
84) Di-n-octyl phthalate	22.26	149	12427418	172.68	ng/ul#	97
85) Benzo(b)fluoranthene	23.10	252	13343824	170.92	ng/ul#	97
86) Benzo(k)fluoranthene	23.16	252	12529520	168.76	ng/ul#	97
88) Benzo(a)pyrene	23.72	252	12794044	172.54	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.24	276	14276681	174.79	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.25	278	12178874	173.12	ng/ul#	95
91) Benzo(g,h,i)perylene	26.99	276	11833106	172.45	ng/ul#	95

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

