

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021017\
 Data File : BG025827.D
 Acq On : 10 Feb 2017 12:58
 Operator : SJ/MA
 Sample : SSTD16009
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16009

Quant Time: Feb 10 13:40:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG021017MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 17 09:49:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	88176	20.00	ng/ul	-0.11
18) Naphthalene-d8	10.90	136	466366	20.00	ng/ul	-0.12
35) Acenaphthene-d10	14.69	164	330004	20.00	ng/ul	-0.13
61) Phenanthrene-d10	17.43	188	638115	20.00	ng/ul	-0.14
77) Chrysene-d12	21.69	240	619795	20.00	ng/ul	-0.18
85) Perylene-d12	24.90	264	572972	20.00	ng/ul	-0.36

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	112689	69.33	ng/uL	-0.01
5) Phenol-d5	7.25	99	1371157	198.33	ng/ul	-0.11
7) Bis-(2-Chloroethyl)ether-d	7.42	67	786806	175.44	ng/ul	-0.09
9) 2-Chlorophenol-d4	7.63	132	1084511	212.29	ng/ul	-0.09
13) 4-Methylphenol-d8	8.80	113	1150576	200.79	ng/ul	-0.11
19) Nitrobenzene-d5	9.26	128	545690	167.87	ng/ul	-0.12
22) 2-Nitrophenol-d4	9.98	143	641340	165.32	ng/ul	-0.13
26) 2,4-Dichlorophenol-d3	10.52	165	1151406	160.39	ng/ul	-0.14
29) 4-Chloroaniline-d4	11.02	131	1197384	145.26	ng/ul	-0.15
43) Dimethylphthalate-d6	14.11	166	3251215	143.03	ng/ul	-0.11
46) Acenaphthylene-d8	14.39	160	3853402	154.03	ng/ul	-0.12
51) 4-Nitrophenol-d4	14.89	143	735836	233.20	ng/ul	-0.16
57) Fluorene-d10	15.69	176	2870014	135.41	ng/ul	-0.12
62) 4,6-Dinitro-2-methylphenol	15.81	200	620056	152.82	ng/ul	-0.14
70) Anthracene-d10	17.43	188	638115	23.57	ng/ul	-0.24
78) Pyrene-d10	19.81	212	3873506	161.80	ng/ul	-0.14
89) Benzo(a)pyrene-d12	24.70	264	4302682	181.65	ng/ul	-0.32

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.55	88	119371	61.14	ng/uL# 71
4) Benzaldehyde	7.23	77	624401	130.00	ng/ul 99
6) Phenol	7.28	94	1398205	193.52	ng/ul 95
8) Bis(2-Chloroethyl)ether	7.51	93	1003310	185.82	ng/ul# 82
10) 2-Chlorophenol	7.66	128	1028951	199.42	ng/ul# 86
11) 2-Methylphenol	8.53	108	1112753	209.45	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.63	45	1410313	143.57	ng/ul# 89
14) Acetophenone	8.92	105	1628158	183.43	ng/ul# 95
15) N-Nitroso-di-n-propylamine	8.93	70	843632	156.69	ng/ul# 91
16) 4-Methylphenol	8.87	108	1228337	209.32	ng/ul 100
17) Hexachloroethane	9.18	117	356000	145.89	ng/ul 98
20) Nitrobenzene	9.30	77	1170892	112.98	ng/ul 98
21) Isophorone	9.84	82	2445908	132.25	ng/ul 95
23) 2-Nitrophenol	10.01	139	644531	156.76	ng/ul# 90
24) 2,4-Dimethylphenol	10.06	107	1266867	137.90	ng/ul 95
25) Bis(2-Chloroethoxy)methane	10.31	93	1468621	152.19	ng/ul 96
27) 2,4-Dichlorophenol	10.55	162	1102816	152.16	ng/ul 99
28) Naphthalene	10.95	128	3230474	151.81	ng/ul# 93
30) 4-Chloroaniline	11.05	127	1147160	139.62	ng/ul 97
31) Hexachlorobutadiene	11.24	225	593403	84.17	ng/ul 98
32) Caprolactam	11.85	113	224493	81.17	ng/ul# 62
33) 4-Chloro-3-methylphenol	12.17	107	1236627	148.18	ng/ul 91
34) 2-Methylnaphthalene	12.54	142	2551687	154.51	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.91	216	1219510	111.37	ng/ul	98
37) Hexachlorocyclopentadiene	12.90	237	783551	181.50	ng/ul	99
38) 2,4,6-Trichlorophenol	13.14	196	854864	141.42	ng/ul	96
39) 2,4,5-Trichlorophenol	13.22	196	938434	143.54	ng/ul	98
40) 1,1'-Biphenyl	13.54	154	3157183	152.90	ng/ul#	87
41) 2-Chloronaphthalene	13.58	162	2471153	150.13	ng/ul	97
42) 2-Nitroaniline	13.78	65	876914	138.13	ng/ul	90
44) Dimethylphthalate	14.16	163	3080198	139.81	ng/ul#	94
45) 2,6-Dinitrotoluene	14.28	165	759435	165.62	ng/ul	97
47) Acenaphthylene	14.43	152	3698351	153.60	ng/ul#	85
48) 3-Nitroaniline	14.60	138	661024	169.06	ng/ul	97
49) Acenaphthene	14.76	153	2803913	165.10	ng/ul	97
50) 2,4-Dinitrophenol	14.80	184	461572	184.59	ng/ul	90
52) 4-Nitrophenol	14.91	109	433541	103.56	ng/ul#	63
53) Dibenzofuran	15.10	168	3612418	137.56	ng/ul	94
54) 2,4-Dinitrotoluene	15.06	165	1044669	152.63	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.32	232	865843	128.06	ng/ul	95
56) Diethylphthalate	15.52	149	3173535	137.39	ng/ul#	91
58) Fluorene	15.75	166	3013255	141.81	ng/ul#	97
59) 4-Chlorophenyl-phenylether	15.73	204	1495369	122.74	ng/ul	93
60) 4-Nitroaniline	15.78	138	800925	205.55	ng/ul#	83
63) 4,6-Dinitro-2-methylphenol	15.82	198	638148	154.15	ng/ul	94
64) N-Nitrosodiphenylamine	15.95	169	2694780	164.73	ng/ul#	89
65) 4-Bromophenyl-phenylether	16.62	248	1011773	136.00	ng/ul	91
66) Hexachlorobenzene	16.74	284	1045740	120.89	ng/ul	95
67) Atrazine	16.89	200	998990	129.33	ng/ul	98
68) Pentachlorophenol	17.08	266	707190	187.34	ng/ul	98
69) Phenanthrene	17.47	178	4319463	139.54	ng/ul#	84
71) Anthracene	17.57	178	4225634	135.20	ng/ul#	80
72) 1,2,3,4-Tetrachlorobenzene	13.51	216	1204379	135.00	ng/uL	97
73) Pentachlorobenzene	15.02	250	1203889	129.55	ng/uL	98
74) Carbazole	17.83	167	4100114	157.36	ng/ul#	87
75) Di-n-butylphthalate	18.39	149	4335379	128.49	ng/ul#	89
76) Fluoranthene	19.47	202	4406587	114.16	ng/ul#	81
79) Pvrene	19.84	202	4274031	152.12	ng/ul#	78
80) Butylbenzylphthalate	20.72	149	2293629	200.39	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.57	252	1396439	120.57	ng/ul	98
82) Benzo(a)anthracene	21.67	228	4635667	144.58	ng/ul#	81
83) Bis(2-ethylhexyl)phthalate	21.58	149	3102634	188.16	ng/ul#	84
84) Chrysene	21.74	228	4356830	143.57	ng/ul#	82
87) Benzo(b)fluoranthene	23.90	252	5300952	186.32	ng/ul#	91
88) Benzo(k)fluoranthene	23.90	252	5300952	193.62	ng/ul#	90
90) Benzo(a)pyrene	24.78	252	5026665	182.56	ng/ul#	91
92) Dibenzo(a,h)anthracene	28.69	278	5050689	172.85	ng/ul	94

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

