

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
 Data File : BG024322.D
 Acq On : 13 Oct 2016 16:00
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02023

Quant Time: Oct 13 16:59:52 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 01:34:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	171246	20.00	ng/ul	0.00
18) Naphthalene-d8	11.12	136	748367	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	565051	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1111205	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1184368	20.00	ng/ul	0.00
83) Perylene-d12	25.39	264	1210600	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	29523	8.19	ng/uL	0.00
5) Phenol-d5	7.42	99	333837	20.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.61	67	216612	20.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	235488	21.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	271129	20.99	ng/ul	0.00
19) Nitrobenzene-d5	9.47	128	117545	22.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.19	143	137433	23.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.73	165	268465	20.74	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	305748	22.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.30	166	800300	20.28	ng/ul	0.00
46) Acenaphthylene-d8	14.60	160	988959	21.88	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	136506	19.51	ng/ul	0.00
57) Fluorene-d10	15.89	176	786927	21.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	153642	23.01	ng/ul	0.00
70) Anthracene-d10	17.75	188	1080441	21.53	ng/ul	0.00
76) Pyrene-d10	20.01	212	1173271	21.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.15	264	1162203	21.34	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.69	88	33571	8.59	ng/uL#	83
4) Benzaldehyde	7.42	77	246918	21.96	ng/ul	96
6) Phenol	7.45	94	342514	21.12	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.70	93	253943	21.27	ng/ul	95
10) 2-Chlorophenol	7.85	128	227989	20.45	ng/ul	92
11) 2-Methylphenol	8.72	108	251081	20.90	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.82	45	456675	19.16	ng/ul#	94
14) Acetophenone	9.12	105	412119	21.49	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.09	70	238083	20.58	ng/ul	93
16) 4-Methylphenol	9.04	108	281836	22.12	ng/ul	97
17) Hexachloroethane	9.38	117	102244	19.83	ng/ul	90
20) Nitrobenzene	9.51	77	362213	21.55	ng/ul	97
21) Isophorone	10.03	82	634045	20.76	ng/ul	98
23) 2-Nitrophenol	10.23	139	144281	22.28	ng/ul#	81
24) 2,4-Dimethylphenol	10.26	107	339597	21.28	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.50	93	348270	20.80	ng/ul	95
27) 2,4-Dichlorophenol	10.75	162	265663	21.41	ng/ul	97
28) Naphthalene	11.17	128	752727	20.89	ng/ul	96
30) 4-Chloroaniline	11.27	127	312767	22.67	ng/ul	94
31) Hexachlorobutadiene	11.44	225	213427	21.48	ng/ul	92
32) Caprolactam	12.03	113	92988	19.72	ng/ul	82
33) 4-Chloro-3-methylphenol	12.36	107	314766	20.73	ng/ul	98
34) 2-Methylnaphthalene	12.75	142	606959	21.19	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.11	216	388825	23.33	ng/ul	91
37) Hexachlorocyclopentadiene	13.08	237	251908	20.62	ng/ul#	94
38) 2,4,6-Trichlorophenol	13.34	196	235920	21.83	ng/ul	87
39) 2,4,5-Trichlorophenol	13.41	196	260999	21.98	ng/ul	97
40) 1,1'-Biphenyl	13.74	154	799535	21.85	ng/ul#	98
41) 2-Chloronaphthalene	13.79	162	631682	22.02	ng/ul	98
42) 2-Nitroaniline	13.99	65	243186	22.27	ng/ul	96
44) Dimethylphthalate	14.34	163	801446	20.72	ng/ul#	98
45) 2,6-Dinitrotoluene	14.47	165	172352	22.96	ng/ul	98
47) Acenaphthylene	14.63	152	939783	21.61	ng/ul	98
48) 3-Nitroaniline	14.80	138	149980	21.15	ng/ul#	74
49) Acenaphthene	14.97	153	646713	20.80	ng/ul	96
50) 2,4-Dinitrophenol	15.00	184	105555	20.96	ng/ul	87
52) 4-Nitrophenol	15.08	109	160786	18.97	ng/ul	92
53) Dibenzofuran	15.30	168	966742	21.13	ng/ul	98
54) 2,4-Dinitrotoluene	15.25	165	236207	21.24	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.51	232	253432	21.74	ng/ul#	98
56) Diethylphthalate	15.70	149	803500	19.70	ng/ul	97
58) Fluorene	15.95	166	752535	19.89	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.93	204	432154	20.58	ng/ul	92
60) 4-Nitroaniline	15.96	138	156666	19.18	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	16.01	198	156819	22.40	ng/ul#	93
64) N-Nitrosodiphenylamine	16.14	169	676152	21.51	ng/ul	97
65) 4-Bromophenyl-phenylether	16.82	248	288306	22.40	ng/ul	90
66) Hexachlorobenzene	16.94	284	317311	22.10	ng/ul	98
67) Atrazine	17.08	200	282431	21.97	ng/ul	97
68) Pentachlorophenol	17.28	266	199442	22.85	ng/ul	91
69) Phenanthrene	17.69	178	1177631	20.99	ng/ul	98
71) Anthracene	17.78	178	1223613	21.43	ng/ul	98
72) Carbazole	18.04	167	1007063	22.47	ng/ul	98
73) Di-n-butylphthalate	18.57	149	1235704	22.55	ng/ul	98
74) Fluoranthene	19.68	202	1326255	23.40	ng/ul	98
77) Pyrene	20.04	202	1342380	21.22	ng/ul	99
78) Butylbenzylphthalate	20.91	149	570205	22.44	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.83	252	525105	23.81	ng/ul#	99
80) Benzo(a)anthracene	21.92	228	1420067	21.61	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.79	149	779741	21.69	ng/ul	96
82) Chrysene	21.99	228	1336291	21.36	ng/ul	99
84) Di-n-octyl phthalate	23.08	149	1328923	23.40	ng/ul	100
85) Benzo(b)fluoranthene	24.28	252	1432469	21.31	ng/ul	99
86) Benzo(k)fluoranthene	24.36	252	1350430	20.86	ng/ul	99
88) Benzo(a)pyrene	25.22	252	1376596	21.50	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.34	276	1719302	22.67	ng/ul	98
90) Dibenzo(a,h)anthracene	29.43	278	1423972	22.21	ng/ul	95
91) Benzo(g,h,i)perylene	30.60	276	1381668	21.67	ng/ul	96

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

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