

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111416\
 Data File : BG024767.D
 Acq On : 14 Nov 2016 13:42
 Operator : UM/SJ
 Sample : SSTD16006
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16006

Quant Time: Nov 14 14:44:33 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 14 12:59:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	102550	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	438762	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	374059	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.63	188	789323	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1028561	20.00	ng/ul	0.00
83) Perylene-d12	25.36	264	1056733	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	131742	61.01	ng/uL	0.00
5) Phenol-d5	7.41	99	1471492	153.79	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.58	67	893799	138.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	1066066	161.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	1238303	160.09	ng/ul	0.02
19) Nitrobenzene-d5	9.45	128	565152	181.50	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	674770	193.70	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.71	165	1308604	172.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	1114980	139.87	ng/ul	0.00
43) Dimethylphthalate-d6	14.28	166	3546456	135.79	ng/ul	0.01
46) Acenaphthylene-d8	14.58	160	3932115	131.43	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	735575	158.84	ng/ul	0.03
57) Fluorene-d10	15.88	176	3421394	138.55	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	16.00	200	954552	201.23	ng/ul	0.02
70) Anthracene-d10	17.73	188	4440822	124.55	ng/ul	0.01
76) Pyrene-d10	20.00	212	4965811	103.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.15	264	6774763	142.50	ng/ul	0.04

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.65	88	138946	59.38	ng/ul	95
4) Benzaldehyde	7.40	77	471571	70.04	ng/ul	92
6) Phenol	7.44	94	1501650	154.64	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.67	93	1057901	147.98	ng/ul	92
10) 2-Chlorophenol	7.83	128	1050135	157.28	ng/ul	92
11) 2-Methylphenol	8.70	108	1140846	158.61	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.79	45	1715608	120.18	ng/ul	96
14) Acetophenone	9.10	105	1787652	155.63	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.10	70	1050653	151.68	ng/ul#	92
16) 4-Methylphenol	9.04	108	1226558	160.78	ng/ul	98
17) Hexachloroethane	9.35	117	464842	150.51	ng/ul	91
20) Nitrobenzene	9.49	77	1566430	158.96	ng/ul	95
21) Isophorone	10.02	82	2800994	156.39	ng/ul	96
23) 2-Nitrophenol	10.20	139	670825	176.70	ng/ul	91
24) 2,4-Dimethylphenol	10.25	107	1512045	161.64	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.48	93	1501041	152.89	ng/ul#	89
27) 2,4-Dichlorophenol	10.73	162	1257914	172.94	ng/ul	97
28) Naphthalene	11.15	128	3075119	145.54	ng/ul#	94
30) 4-Chloroaniline	11.25	127	1069565	132.22	ng/ul	99
31) Hexachlorobutadiene	11.41	225	1016263	174.44	ng/ul#	86
32) Caprolactam	12.06	113	311529	112.66	ng/ul	98
33) 4-Chloro-3-methylphenol	12.36	107	1468721	164.99	ng/ul	94
34) 2-Methylnaphthalene	12.73	142	2471672	147.16	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.09	216	1816457	164.67	ng/ul	96
37) Hexachlorocyclopentadiene	13.06	237	1333553	164.87	ng/ul	98
38) 2,4,6-Trichlorophenol	13.33	196	1198522	167.56	ng/ul	88
39) 2,4,5-Trichlorophenol	13.41	196	1294517	164.71	ng/ul	96
40) 1,1'-Biphenyl	13.73	154	3168383	130.79	ng/ul#	86
41) 2-Chloronaphthalene	13.77	162	2676905	140.97	ng/ul#	86
42) 2-Nitroaniline	13.98	65	1199708	165.99	ng/ul	98
44) Dimethylphthalate	14.33	163	3384302	132.15	ng/ul#	95
45) 2,6-Dinitrotoluene	14.47	165	880916	177.29	ng/ul	95
47) Acenaphthylene	14.62	152	3699022	128.47	ng/ul#	83
48) 3-Nitroaniline	14.80	138	723398	154.10	ng/ul#	91
49) Acenaphthene	14.95	153	2826128	137.33	ng/ul	91
50) 2,4-Dinitrophenol	15.00	184	709275	212.80	ng/ul	90
52) 4-Nitrophenol	15.11	109	873541	155.68	ng/ul	94
53) Dibenzofuran	15.28	168	3868355	127.72	ng/ul#	81
54) 2,4-Dinitrotoluene	15.25	165	1272503	172.83	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.51	232	1363670	176.75	ng/ul	98
56) Diethylphthalate	15.68	149	3454682	127.97	ng/ul#	82
58) Fluorene	15.93	166	3294941	131.57	ng/ul#	99
59) 4-Chlorophenyl-phenylether	15.91	204	2032655	146.25	ng/ul	95
60) 4-Nitroaniline	15.98	138	900501	166.57	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	16.02	198	953370	191.75	ng/ul#	97
64) N-Nitrosodiphenylamine	16.13	169	3038523	136.10	ng/ul	94
65) 4-Bromophenyl-phenylether	16.80	248	1554784	170.08	ng/ul	92
66) Hexachlorobenzene	16.93	284	1729833	169.58	ng/ul	96
67) Atrazine	17.07	200	1491226	163.32	ng/ul	98
68) Pentachlorophenol	17.27	266	1132889	182.73	ng/ul	92
69) Phenanthrene	17.67	178	4751406	119.22	ng/ul#	73
71) Anthracene	17.77	178	4570442	112.67	ng/ul#	66
72) Carbazole	18.03	167	4325926	135.90	ng/ul#	76
73) Di-n-butylphthalate	18.55	149	4471961	114.87	ng/ul#	77
74) Fluoranthene	19.67	202	5056575	125.62	ng/ul#	80
77) Pyrene	20.03	202	4915914	89.48	ng/ul#	75
78) Butylbenzylphthalate	20.88	149	2716782	123.09	ng/ul#	94
79) 3,3'-Dichlorobenzidine	21.82	252	2567650	134.04	ng/ul#	87
80) Benzo(a)anthracene	21.91	228	6039526	105.82	ng/ul#	59
81) Bis(2-ethylhexyl)phthalate	21.76	149	3598791	115.27	ng/ul#	76
82) Chrysene	21.99	228	5649453	103.98	ng/ul#	60
84) Di-n-octyl phthalate	23.04	149	5610014	113.15	ng/ul	100
85) Benzo(b)fluoranthene	24.28	252	7438063	126.77	ng/ul#	83
86) Benzo(k)fluoranthene	24.35	252	6708618	118.71	ng/ul#	81
88) Benzo(a)pyrene	25.23	252	7186572	128.61	ng/ul#	83
89) Indeno(1,2,3-cd)pyrene	29.35	276	10467707	158.15	ng/ul	94
90) Dibenzo(a,h)anthracene	29.43	278	8177395	146.10	ng/ul#	92
91) Benzo(g,h,i)perylene	30.62	276	8527034	153.21	ng/ul#	92

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

