

Data Path : Z:\HPCHEM1\BNA_G\Data\BG073115\
 Data File : BG018184.D
 Acq On : 31 Jul 2015 16:12
 Operator : TP/UM
 Sample : SSTD08050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD08050

Quant Time: Jul 31 16:43:15 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 31 16:22:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	43957	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	209725	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	148354	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.91	188	361407	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	331240	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	313873	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	18463	79.11	ng/uL	0.00
5) Phenol-d5	6.68	99	314052	79.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	158260	77.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	233391	77.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	250502	77.02	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	131344	79.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	154100	81.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	278208	83.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	336160	76.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.58	166	891722	77.25	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	1051447	78.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	173441	82.22	ng/ul	0.03
58) Fluorene-d10	15.16	176	808749	77.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	211827	87.46	ng/ul	0.01
71) Anthracene-d10	17.01	188	1196598	75.24	ng/ul	0.00
79) Pyrene-d10	19.32	212	1235843	76.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1269166	79.95	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.00	88	20864	77.16	ng/uL	93
4) Benzaldehyde	6.63	77	174102	74.31	ng/ul#	74
6) Phenol	6.70	94	318193	79.34	ng/ul#	83
8) Bis(2-Chloroethyl)ether	6.92	93	225000	76.00	ng/ul	96
10) 2-Chlorophenol	7.05	128	232090	80.38	ng/ul#	79
11) 2-Methylphenol	7.94	108	249125	78.46	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.02	45	191802	72.10	ng/ul#	95
14) Acetophenone	8.31	105	385444	74.94	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.31	70	211089	72.95	ng/ul#	90
16) 4-Methylphenol	8.28	108	273411	76.99	ng/ul	91
17) Hexachloroethane	8.55	117	101711	74.81	ng/ul	97
20) Nitrobenzene	8.68	77	315601	79.90	ng/ul#	81
21) Isophorone	9.21	82	626105	75.83	ng/ul#	90
23) 2-Nitrophenol	9.39	139	156059	80.86	ng/ul#	69
24) 2,4-Dimethylphenol	9.47	107	335113	80.55	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	9.70	93	330106	77.72	ng/ul#	94
27) 2,4-Dichlorophenol	9.93	162	269564	83.57	ng/ul#	96
28) Naphthalene	10.32	128	776189	76.13	ng/ul	100
30) 4-Chloroaniline	10.44	127	338098	76.05	ng/ul	98
31) Hexachlorobutadiene	10.60	225	176392	77.15	ng/ul	96
32) Caprolactam	11.23	113	67537	40.71	ng/ul#	72
33) 4-Chloro-3-methylphenol	11.60	107	333986	80.54	ng/ul#	83
34) 2-Methylnaphthalene	11.94	142	616395	76.43	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.17	142	596542	77.25	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.33	216	337653	81.41	ng/ul#	95
38) Hexachlorocyclopentadiene	12.30	237	208221	120.65	ng/ul	96
39) 2,4,6-Trichlorophenol	12.58	196	236223	85.47	ng/ul	94
40) 2,4,5-Trichlorophenol	12.65	196	254060	84.77	ng/ul	95
41) 1,1'-Biphenyl	12.98	154	834317	78.36	ng/ul#	97
42) 2-Chloronaphthalene	13.02	162	646718	80.94	ng/ul#	93
43) 2-Nitroaniline	13.24	65	221790	80.55	ng/ul#	66
45) Dimethylphthalate	13.63	163	874153	75.85	ng/ul	98
46) 2,6-Dinitrotoluene	13.75	165	212626	81.57	ng/ul#	78
48) Acenaphthylene	13.88	152	1021161	76.71	ng/ul	98
49) 3-Nitroaniline	14.08	138	193832	83.33	ng/ul#	68
50) Acenaphthene	14.22	153	680921	78.99	ng/ul	99
51) 2,4-Dinitrophenol	14.35	184	2323	1.69	ng/ul	92
53) 4-Nitrophenol	14.42	109	175110	82.06	ng/ul#	81
54) Dibenzofuran	14.56	168	1006243	77.14	ng/ul#	82
55) 2,4-Dinitrotoluene	14.55	165	306377	80.77	ng/ul#	66
56) 2,3,4,6-Tetrachlorophenol	14.80	232	253893	86.39	ng/ul#	87
57) Diethylphthalate	15.01	149	907173	76.02	ng/ul	99
59) Fluorene	15.22	166	867648	77.07	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.22	204	483621	80.21	ng/ul	95
61) 4-Nitroaniline	15.26	138	207250	79.01	ng/ul#	55
64) 4,6-Dinitro-2-methylphenol	15.32	198	218313	83.42	ng/ul#	92
65) N-Nitrosodiphenylamine	15.43	169	743149	79.18	ng/ul	98
66) 4-Bromophenyl-phenylether	16.11	248	322124	85.22	ng/ul#	91
67) Hexachlorobenzene	16.22	284	388234	85.03	ng/ul	98
68) Atrazine	16.40	200	327181	78.37	ng/ul	95
69) Pentachlorophenol	16.57	266	219354	95.10	ng/ul	96
70) Phenanthrene	16.96	178	1376033	73.78	ng/ul	96
72) Anthracene	17.05	178	1343091	72.08	ng/ul	93
73) 1,2,3,4-Tetrachlorobenzene	12.94	216	346762	86.42	ng/uL	97
74) Pentachlorobenzene	14.48	250	379351	83.84	ng/uL	98
75) Carbazole	17.33	167	1173338	73.26	ng/ul#	96
76) Di-n-butylphthalate	17.90	149	1431760	68.95	ng/ul#	95
77) Fluoranthene	18.99	202	1523485	69.96	ng/ul#	95
80) Pyrene	19.36	202	1485860	72.58	ng/ul	97
81) Butylbenzylphthalate	20.27	149	650010	79.56	ng/ul#	87
82) 3,3'-Dichlorobenzidine	21.04	252	589494	84.39	ng/ul	99
83) Benzo(a)anthracene	21.11	228	1348779	74.59	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.05	149	880261	79.93	ng/ul#	96
85) Chrysene	21.16	228	1245219	75.32	ng/ul	93
87) Di-n-octyl phthalate	21.91	149	1295788	74.05	ng/ul	100
88) Benzo(b)fluoranthene	22.65	252	1505986	79.84	ng/ul#	97
89) Benzo(k)fluoranthene	22.70	252	1326567	75.73	ng/ul#	95
91) Benzo(a)pyrene	23.21	252	1341338	79.39	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.52	276	1621185	83.88	ng/ul	94
93) Dibenzo(a,h)anthracene	25.53	278	1390187	84.02	ng/ul#	95
94) Benzo(g,h,i)perylene	26.19	276	1307652	82.57	ng/ul#	94

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

