

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072315\
 Data File : BG018065.D
 Acq On : 23 Jul 2015 15:37
 Operator : TP/UM
 Sample : SSTD16030
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16030

Quant Time: Jul 23 16:07:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 23 15:09:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	50279	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	257770	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	173187	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	365990	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	380418	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	378171	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	51521	141.71	ng/uL	0.00
5) Phenol-d5	6.71	99	661595	174.35	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.86	67	313979	163.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	590053	174.02	ng/ul	0.01
13) 4-Methylphenol-d8	8.25	113	588969	177.78	ng/ul	0.02
19) Nitrobenzene-d5	8.68	128	328040	163.12	ng/ul	0.01
22) 2-Nitrophenol-d4	9.40	143	365429	156.16	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.94	165	625983	162.33	ng/ul	0.02
29) 4-Chloroaniline-d4	10.45	131	665805	156.29	ng/ul	0.01
44) Dimethylphthalate-d6	13.61	166	1682431	132.95	ng/ul	0.01
47) Acenaphthylene-d8	13.88	160	2071333	139.97	ng/ul	0.01
52) 4-Nitrophenol-d4	14.44	143	416559	180.69	ng/ul	0.03
58) Fluorene-d10	15.19	176	1548199	138.66	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.34	200	422382	253.61	ng/ul	0.03
71) Anthracene-d10	16.94	188	365990	23.21	ng/ul	-0.09
79) Pyrene-d10	19.35	212	2222799	136.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	2634323	148.39	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	51203	131.36	ng/ul	96
4) Benzaldehyde	6.66	77	288623	144.46	ng/ul	97
6) Phenol	6.74	94	669593	171.03	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.96	93	477366	163.59	ng/ul	97
10) 2-Chlorophenol	7.09	128	575017	172.79	ng/ul	97
11) 2-Methylphenol	7.97	108	550811	177.78	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.06	45	504080	163.31	ng/ul	98
14) Acetophenone	8.34	105	782288	167.39	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.36	70	417041	157.17	ng/ul	98
16) 4-Methylphenol	8.32	108	602772	173.63	ng/ul	96
17) Hexachloroethane	8.58	117	212719	159.81	ng/ul	98
20) Nitrobenzene	8.72	77	587372	151.42	ng/ul	98
21) Isophorone	9.26	82	1190542	137.66	ng/ul	96
23) 2-Nitrophenol	9.43	139	383800	149.49	ng/ul	98
24) 2,4-Dimethylphenol	9.50	107	655589	157.34	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.74	93	686654	150.98	ng/ul	98
27) 2,4-Dichlorophenol	9.96	162	594414	155.62	ng/ul	96
28) Naphthalene	10.35	128	1711752	143.13	ng/ul#	95
30) 4-Chloroaniline	10.47	127	682962	154.94	ng/ul	95
31) Hexachlorobutadiene	10.64	225	329827	157.52	ng/ul	93
32) Caprolactam	11.29	113	161427	97.25	ng/ul	95
33) 4-Chloro-3-methylphenol	11.63	107	640242	152.84	ng/ul	98
34) 2-Methylnaphthalene	11.98	142	1354820	147.16	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.20	142	1319882	147.97	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.36	216	712964	160.64	ng/ul	99
38) Hexachlorocyclopentadiene	12.33	237	471611	201.30	ng/ul#	91
39) 2,4,6-Trichlorophenol	12.61	196	495145	154.41	ng/ul	95
40) 2,4,5-Trichlorophenol	12.69	196	544126	154.91	ng/ul	97
41) 1,1'-Biphenyl	13.02	154	1642539	137.50	ng/ul	92
42) 2-Chloronaphthalene	13.06	162	1365329	146.13	ng/ul	91
43) 2-Nitroaniline	13.27	65	382117	154.61	ng/ul	98
45) Dimethylphthalate	13.66	163	1661099	131.99	ng/ul#	96
46) 2,6-Dinitrotoluene	13.79	165	449114	161.18	ng/ul	98
48) Acenaphthylene	13.91	152	2014411	127.23	ng/ul#	89
49) 3-Nitroaniline	14.11	138	391589	158.76	ng/ul	96
50) Acenaphthene	14.26	153	1432755	138.32	ng/ul	95
51) 2,4-Dinitrophenol	14.33	184	301605	403.76	ng/ul#	90
53) 4-Nitrophenol	14.46	109	265489	174.69	ng/ul	97
54) Dibenzofuran	14.60	168	1906176	129.85	ng/ul	89
55) 2,4-Dinitrotoluene	14.58	165	624611	160.30	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.83	232	500280	190.48	ng/ul	95
57) Diethylphthalate	15.04	149	1719816	133.38	ng/ul	92
59) Fluorene	15.25	166	1665933	132.57	ng/ul#	97
60) 4-Chlorophenyl-phenylether	15.25	204	914485	147.95	ng/ul	97
61) 4-Nitroaniline	15.31	138	479164	161.37	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.35	198	436716	252.76	ng/ul#	96
65) N-Nitrosodiphenylamine	15.47	169	1497139	146.06	ng/ul	92
66) 4-Bromophenyl-phenylether	16.14	248	614565	170.00	ng/ul	95
67) Hexachlorobenzene	16.25	284	682563	171.42	ng/ul	96
68) Atrazine	16.44	200	591825	164.70	ng/ul	95
69) Pentachlorophenol	16.60	266	416761	282.61	ng/ul	93
70) Phenanthrene	16.99	178	2370418	127.52	ng/ul#	86
72) Anthracene	17.08	178	2320944	123.78	ng/ul#	83
73) 1,2,3,4-Tetrachlorobenzene	12.97	216	707224	168.32	ng/uL	97
74) Pentachlorobenzene	14.51	250	736333	166.52	ng/uL	99
75) Carbazole	17.36	167	2168585	136.75	ng/ul#	87
76) Di-n-butylphthalate	17.93	149	2417140	122.58	ng/ul#	87
77) Fluoranthene	19.01	202	2446083	129.62	ng/ul#	88
80) Pyrene	19.38	202	2447780	119.26	ng/ul#	84
81) Butylbenzylphthalate	20.30	149	1254590	146.42	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.08	252	906660	157.45	ng/ul	96
83) Benzo(a)anthracene	21.14	228	2448188	123.72	ng/ul#	77
84) Bis(2-ethylhexyl)phthalate	21.08	149	1597221	127.78	ng/ul#	81
85) Chrysene	21.19	228	2258909	121.15	ng/ul#	73
87) Di-n-octyl phthalate	21.94	149	2460727	122.41	ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	2926998	143.75	ng/ul#	90
89) Benzo(k)fluoranthene	22.73	252	2442713	125.02	ng/ul#	85
91) Benzo(a)pyrene	23.26	252	2708120	137.22	ng/ul#	88
92) Indeno(1,2,3-cd)pyrene	25.58	276	3577902	154.63	ng/ul	92
93) Dibenzo(a,h)anthracene	25.59	278	2926603	148.09	ng/ul#	89
94) Benzo(g,h,i)perylene	26.25	276	2933648	151.31	ng/ul	96

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

