

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031715\
 Data File : BG016064.D
 Acq On : 17 Mar 2015 19:03
 Operator : TP/IZ
 Sample : SSTD16026
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16026

Quant Time: Mar 18 18:10:21 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 18 17:52:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	75168	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	337343	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	198383	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	397942	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	420328	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	411950	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	111214	65.36	ng/uL	0.00
5) Phenol-d5	6.98	99	1085764	162.38	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	588656	160.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	852894	167.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	841035	164.95	ng/ul	0.02
19) Nitrobenzene-d5	8.97	128	440848	177.34	ng/ul	0.01
22) 2-Nitrophenol-d4	9.69	143	478201	222.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	785030	168.63	ng/ul	0.01
29) 4-Chloroaniline-d4	10.73	131	757743	121.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1760816	141.75	ng/ul	0.01
46) Acenaphthylene-d8	14.13	160	2336913	127.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	525439	201.15	ng/ul	0.03
57) Fluorene-d10	15.43	176	1720368	134.33	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.56	200	435594	253.98	ng/ul	0.02
70) Anthracene-d10	17.28	188	2348585	130.00	ng/ul	0.01
76) Pyrene-d10	19.57	212	2392838	125.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	2668031	146.90	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	127368	62.59	ng/uL	95
4) Benzaldehyde	6.95	77	311571	81.79	ng/ul	98
6) Phenol	7.01	94	1161190	159.27	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.24	93	893277	156.57	ng/ul	97
10) 2-Chlorophenol	7.38	128	871171	160.22	ng/ul	93
11) 2-Methylphenol	8.25	108	882067	162.50	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.35	45	1011143	155.91	ng/ul	98
14) Acetophenone	8.64	105	1205824	153.68	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.64	70	691978	158.66	ng/ul	98
16) 4-Methylphenol	8.59	108	963523	160.87	ng/ul	100
17) Hexachloroethane	8.88	117	344070	161.84	ng/ul	98
20) Nitrobenzene	9.02	77	935937	159.80	ng/ul#	93
21) Isophorone	9.55	82	1768091	149.89	ng/ul	94
23) 2-Nitrophenol	9.72	139	519112	204.00	ng/ul	97
24) 2,4-Dimethylphenol	9.78	107	944077	161.13	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.02	93	1115622	152.18	ng/ul	96
27) 2,4-Dichlorophenol	10.25	162	784661	164.97	ng/ul	98
28) Naphthalene	10.65	128	2323964	127.48	ng/ul#	89
30) 4-Chloroaniline	10.76	127	788846	123.32	ng/ul	96
31) Hexachlorobutadiene	10.93	225	415061	155.19	ng/ul	99
32) Caprolactam	11.56	113	229906	103.08	ng/ul	98
33) 4-Chloro-3-methylphenol	11.89	107	874988	170.52	ng/ul	97
34) 2-Methylnaphthalene	12.26	142	1743962	134.33	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	810587	149.96	ng/ul	98
37) Hexachlorocyclopentadiene	12.61	237	518098	205.90	ng/ul	98
38) 2,4,6-Trichlorophenol	12.86	196	570268	180.61	ng/ul	100
39) 2,4,5-Trichlorophenol	12.94	196	614989	182.38	ng/ul	96
40) 1,1'-Biphenyl	13.28	154	2003052	127.67	ng/ul#	87
41) 2-Chloronaphthalene	13.32	162	1626355	136.43	ng/ul	91
42) 2-Nitroaniline	13.53	65	558354	193.77	ng/ul	99
44) Dimethylphthalate	13.90	163	1902467	134.91	ng/ul#	93
45) 2,6-Dinitrotoluene	14.03	165	522544	195.90	ng/ul	96
47) Acenaphthylene	14.16	152	2403465	118.08	ng/ul#	80
48) 3-Nitroaniline	14.35	138	522765	159.90	ng/ul	96
49) Acenaphthene	14.50	153	1780266	132.48	ng/ul#	94
50) 2,4-Dinitrophenol	14.56	184	328489	324.33	ng/ul	97
52) 4-Nitrophenol	14.67	109	286408	199.71	ng/ul	97
53) Dibenzofuran	14.84	168	2202153	121.44	ng/ul#	78
54) 2,4-Dinitrotoluene	14.81	165	734029	193.40	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.06	232	551092	199.32	ng/ul	95
56) Diethylphthalate	15.27	149	1990812	139.32	ng/ul#	90
58) Fluorene	15.49	166	1940665	123.39	ng/ul#	98
59) 4-Chlorophenyl-phenylether	15.48	204	995202	139.01	ng/ul	93
60) 4-Nitroaniline	15.53	138	678688	179.15	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.58	198	471056	237.20	ng/ul#	94
64) N-Nitrosodiphenylamine	15.70	169	1729913	132.80	ng/ul#	87
65) 4-Bromophenyl-phenylether	16.37	248	652065	152.55	ng/ul	98
66) Hexachlorobenzene	16.48	284	735085	153.10	ng/ul	97
67) Atrazine	16.65	200	653400	155.32	ng/ul	97
68) Pentachlorophenol	16.82	266	496191	235.67	ng/ul	95
69) Phenanthrene	17.22	178	2619805	116.09	ng/ul#	75
71) Anthracene	17.32	178	2546853	110.18	ng/ul#	72
72) Carbazole	17.58	167	2589844	129.50	ng/ul#	78
73) Di-n-butylphthalate	18.15	149	2752335	116.28	ng/ul#	81
74) Fluoranthene	19.23	202	2725566	122.60	ng/ul#	75
77) Pyrene	19.60	202	2681169	101.82	ng/ul#	71
78) Butylbenzylphthalate	20.49	149	1592802	155.82	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.27	252	1107927	161.05	ng/ul	94
80) Benzo(a)anthracene	21.34	228	2657020	110.60	ng/ul#	67
81) Bis(2-ethylhexyl)phthalate	21.26	149	1949123	138.00	ng/ul#	78
82) Chrysene	21.39	228	2515744	109.67	ng/ul#	69
84) Di-n-octyl phthalate	22.15	149	3009159	130.35	ng/ul	100
85) Benzo(b)fluoranthene	22.96	252	3117527	130.12	ng/ul#	84
86) Benzo(k)fluoranthene	23.01	252	2864139	120.99	ng/ul#	76
88) Benzo(a)pyrene	23.57	252	3035310	128.21	ng/ul#	80
89) Indeno(1,2,3-cd)pyrene	26.04	276	4169826	156.67	ng/ul#	87
90) Dibenzo(a,h)anthracene	26.05	278	3320092	148.38	ng/ul#	87
91) Benzo(g,h,i)perylene	26.77	276	3499863	156.85	ng/ul	92

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

