

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011817\
 Data File : BG025531.D
 Acq On : 18 Jan 2017 15:13
 Operator : UM/SJ
 Sample : SSTD16010
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16010

Quant Time: Jan 18 15:51:28 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 18 14:57:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	74838	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	355308	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	296631	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	663493	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	833324	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	829097	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	79482	54.86	ng/uL	0.00
5) Phenol-d5	7.35	99	1058041	163.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	660738	165.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	750980	166.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	901229	167.03	ng/ul	0.02
19) Nitrobenzene-d5	9.37	128	398518	158.39	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	487502	155.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	951473	157.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	807713	136.24	ng/ul	0.00
43) Dimethylphthalate-d6	14.22	166	2824111	138.41	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	3135791	140.31	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	484163	138.07	ng/ul	0.02
57) Fluorene-d10	15.81	176	2691387	140.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	703834	171.57	ng/ul	0.02
70) Anthracene-d10	17.66	188	3633201	129.74	ng/ul	0.00
76) Pyrene-d10	19.94	212	4119628	120.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	5137968	152.94	ng/ul	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	97108	51.45	ng/uL	92
4) Benzaldehyde	7.32	77	348646	71.73	ng/ul	99
6) Phenol	7.38	94	1102274	166.33	ng/ul#	93
8) Bis(2-Chloroethyl)ether	7.60	93	751850	155.05	ng/ul	98
10) 2-Chlorophenol	7.75	128	733102	161.51	ng/ul	99
11) 2-Methylphenol	8.63	108	836774	171.50	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.71	45	1392513	168.87	ng/ul	99
14) Acetophenone	9.03	105	1329562	161.92	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.02	70	834700	176.00	ng/ul#	93
16) 4-Methylphenol	8.98	108	892304	164.38	ng/ul	97
17) Hexachloroethane	9.26	117	337927	168.06	ng/ul	91
20) Nitrobenzene	9.42	77	1211561	156.70	ng/ul	99
21) Isophorone	9.94	82	2198718	150.27	ng/ul	99
23) 2-Nitrophenol	10.13	139	491511	154.48	ng/ul	95
24) 2,4-Dimethylphenol	10.18	107	1132166	155.60	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.40	93	1149026	154.10	ng/ul	93
27) 2,4-Dichlorophenol	10.67	162	916007	156.39	ng/ul	95
28) Naphthalene	11.07	128	2343488	141.89	ng/ul	96
30) 4-Chloroaniline	11.18	127	812197	134.01	ng/ul	96
31) Hexachlorobutadiene	11.32	225	741513	147.26	ng/ul#	86
32) Caprolactam	12.01	113	212643	87.43	ng/ul	99
33) 4-Chloro-3-methylphenol	12.31	107	1099961	152.36	ng/ul	99
34) 2-Methylnaphthalene	12.65	142	1901647	145.90	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.02	216	1371080	153.35	ng/ul	98
37) Hexachlorocyclopentadiene	12.98	237	777746	148.19	ng/ul	97
38) 2,4,6-Trichlorophenol	13.26	196	896211	159.57	ng/ul	92
39) 2,4,5-Trichlorophenol	13.35	196	929294	150.97	ng/ul	99
40) 1,1'-Biphenyl	13.65	154	2543006	141.40	ng/ul#	89
41) 2-Chloronaphthalene	13.70	162	2104025	146.97	ng/ul	90
42) 2-Nitroaniline	13.93	65	982838	175.39	ng/ul	96
44) Dimethylphthalate	14.27	163	2696137	134.46	ng/ul#	95
45) 2,6-Dinitrotoluene	14.41	165	685484	159.09	ng/ul#	87
47) Acenaphthylene	14.55	152	2963832	136.41	ng/ul#	90
48) 3-Nitroaniline	14.75	138	540162	144.76	ng/ul#	82
49) Acenaphthene	14.89	153	2227127	149.63	ng/ul	95
50) 2,4-Dinitrophenol	14.97	184	484428	173.04	ng/ul	97
52) 4-Nitrophenol	15.08	109	648998	153.87	ng/ul	99
53) Dibenzofuran	15.21	168	3138273	133.30	ng/ul#	83
54) 2,4-Dinitrotoluene	15.21	165	1004822	154.74	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.44	232	986552	151.68	ng/ul#	97
56) Diethylphthalate	15.61	149	2809311	132.30	ng/ul#	88
58) Fluorene	15.87	166	2666598	139.13	ng/ul#	99
59) 4-Chlorophenyl-phenylether	15.84	204	1600779	148.32	ng/ul	95
60) 4-Nitroaniline	15.93	138	569974	126.65	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.97	198	707645	166.53	ng/ul#	93
64) N-Nitrosodiphenylamine	16.07	169	2457365	143.96	ng/ul	97
65) 4-Bromophenyl-phenylether	16.74	248	1240704	165.55	ng/ul	90
66) Hexachlorobenzene	16.87	284	1364078	161.66	ng/ul	97
67) Atrazine	17.01	200	1160737	143.04	ng/ul	98
68) Pentachlorophenol	17.22	266	684934	135.17	ng/ul	94
69) Phenanthrene	17.61	178	3979361	125.66	ng/ul#	81
71) Anthracene	17.71	178	3910948	120.13	ng/ul#	78
72) Carbazole	17.98	167	3552764	130.79	ng/ul#	83
73) Di-n-butylphthalate	18.48	149	3768695	109.89	ng/ul#	84
74) Fluoranthene	19.60	202	4367931	116.08	ng/ul#	85
77) Pyrene	19.97	202	4264262	106.45	ng/ul#	84
78) Butylbenzylphthalate	20.81	149	2210199	140.92	ng/ul#	92
79) 3,3'-Dichlorobenzidine	21.74	252	1980601	136.34	ng/ul#	91
80) Benzo(a)anthracene	21.84	228	5028300	116.14	ng/ul#	70
81) Bis(2-ethylhexyl)phthalate	21.67	149	2972644	137.70	ng/ul#	87
82) Chrysene	21.91	228	4711020	116.33	ng/ul#	70
84) Di-n-octyl phthalate	22.93	149	4684050	139.15	ng/ul	100
85) Benzo(b)fluoranthene	24.17	252	5827049	141.74	ng/ul#	86
86) Benzo(k)fluoranthene	24.24	252	5389905	137.92	ng/ul#	87
88) Benzo(a)pyrene	25.11	252	5653288	143.01	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.19	276	5057054	102.94	ng/ul#	91
90) Dibenzo(a,h)anthracene	29.25	278	5133934	124.03	ng/ul	97
91) Benzo(g,h,i)perylene	30.43	276	4983256	121.55	ng/ul#	93

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

