

Data Path : Z:\HPCHEM1\BNA_G\Data\BG040317\
 Data File : BG026539.D
 Acq On : 3 Apr 2017 17:42
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02024

Quant Time: Apr 04 03:58:51 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 03 01:47:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	200673	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	847971	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.64	164	485049	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	1117994	20.00	ng/ul	0.00
77) Chrysene-d12	21.62	240	1213401	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1199776	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	35133	8.38	ng/uL	0.00
5) Phenol-d5	7.20	99	311618	21.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	175553	21.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	279643	21.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	249856	20.99	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	127416	21.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	152059	21.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	268135	20.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	344846	26.58	ng/ul	0.00
43) Dimethylphthalate-d6	14.04	166	789270	21.01	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	989249	21.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	138910	19.01	ng/ul	0.00
57) Fluorene-d10	15.63	176	699258	20.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	134744	18.74	ng/ul	0.00
70) Anthracene-d10	17.48	188	1058620	20.85	ng/ul	0.00
78) Pyrene-d10	19.76	212	1153729	21.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	1093087	21.21	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	36373	8.12	ng/uL#	84
4) Benzaldehyde	7.18	77	173766	21.05	ng/ul	86
6) Phenol	7.22	94	327510	21.22	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.45	93	253686	21.54	ng/ul	95
10) 2-Chlorophenol	7.61	128	272798	21.28	ng/ul	98
11) 2-Methylphenol	8.47	108	255893	21.21	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.57	45	239949	21.61	ng/ul	99
14) Acetophenone	8.86	105	382509	21.39	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.84	70	174108	20.97	ng/ul#	93
16) 4-Methylphenol	8.80	108	277576	21.25	ng/ul	98
17) Hexachloroethane	9.12	117	98388	20.73	ng/ul	91
20) Nitrobenzene	9.24	77	251068	20.85	ng/ul	92
21) Isophorone	9.76	82	478814	20.88	ng/ul	95
23) 2-Nitrophenol	9.95	139	157890	21.13	ng/ul#	85
24) 2,4-Dimethylphenol	10.00	107	278749	20.77	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.24	93	332191	20.97	ng/ul	99
27) 2,4-Dichlorophenol	10.48	162	265325	20.61	ng/ul	98
28) Naphthalene	10.89	128	851791	20.93	ng/ul	99
30) 4-Chloroaniline	10.99	127	328821	26.57	ng/ul	98
31) Hexachlorobutadiene	11.18	225	170372	20.80	ng/ul	97
32) Caprolactam	11.74	113	85948	18.91	ng/ul	92
33) 4-Chloro-3-methylphenol	12.11	107	252712	20.27	ng/ul	91
34) 2-Methylnaphthalene	12.48	142	649238	20.63	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	320625	21.00	ng/ul	97
37) Hexachlorocyclopentadiene	12.83	237	149153	19.55	ng/ul	97
38) 2,4,6-Trichlorophenol	13.09	196	211946	20.92	ng/ul	99
39) 2,4,5-Trichlorophenol	13.16	196	217914	20.89	ng/ul	97
40) 1,1'-Biphenyl	13.48	154	817093	21.00	ng/ul	98
41) 2-Chloronaphthalene	13.53	162	617961	21.04	ng/ul#	92
42) 2-Nitroaniline	13.73	65	140140	20.52	ng/ul	92
44) Dimethylphthalate	14.09	163	756105	20.77	ng/ul#	98
45) 2,6-Dinitrotoluene	14.22	165	166010	21.13	ng/ul#	86
47) Acenaphthylene	14.37	152	973804	20.90	ng/ul	96
48) 3-Nitroaniline	14.54	138	167590	23.16	ng/ul#	87
49) Acenaphthene	14.71	153	671301	20.76	ng/ul	99
50) 2,4-Dinitrophenol	14.76	184	54479	12.31	ng/ul#	79
52) 4-Nitrophenol	14.85	109	75679	19.52	ng/ul#	58
53) Dibenzofuran	15.04	168	970200	21.10	ng/ul	91
54) 2,4-Dinitrotoluene	15.00	165	236958	20.86	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.27	232	204769	20.41	ng/ul	90
56) Diethylphthalate	15.45	149	745544	20.61	ng/ul	95
58) Fluorene	15.68	166	788450	20.62	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.67	204	388045	20.67	ng/ul#	86
60) 4-Nitroaniline	15.70	138	176410	19.56	ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	15.77	198	143024	18.96	ng/ul#	86
64) N-Nitrosodiphenylamine	15.88	169	681408	21.30	ng/ul	98
65) 4-Bromophenyl-phenylether	16.57	248	258420	21.02	ng/ul#	83
66) Hexachlorobenzene	16.69	284	277696	21.07	ng/ul#	85
67) Atrazine	16.83	200	258828	20.90	ng/ul	99
68) Pentachlorophenol	17.04	266	150443	19.18	ng/ul	98
69) Phenanthrene	17.42	178	1218876	20.80	ng/ul	98
71) Anthracene	17.51	178	1258749	21.00	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.45	216	315627	21.43	ng/uL	98
73) Pentachlorobenzene	14.97	250	356878	21.30	ng/uL	100
74) Carbazole	17.78	167	1132890	21.98	ng/ul	96
75) Di-n-butylphthalate	18.33	149	1282876	21.12	ng/ul	98
76) Fluoranthene	19.42	202	1413343	22.58	ng/ul	99
79) Pyrene	19.79	202	1442333	21.35	ng/ul	99
80) Butylbenzylphthalate	20.65	149	556785	20.83	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.52	252	505678	24.01	ng/ul#	97
82) Benzo(a)anthracene	21.61	228	1388277	21.15	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.51	149	805349	21.09	ng/ul#	92
84) Chrysene	21.67	228	1267743	20.89	ng/ul	96
86) Di-n-octyl phthalate	22.69	149	1369258	22.19	ng/ul#	96
87) Benzo(b)fluoranthene	23.79	252	1433348	21.06	ng/ul	99
88) Benzo(k)fluoranthene	23.86	252	1374403	21.15	ng/ul	97
90) Benzo(a)pyrene	24.66	252	1395792	21.20	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.42	276	1635746	20.61	ng/ul#	93
92) Dibenzo(a,h)anthracene	28.48	278	1392171	21.01	ng/ul	98
93) Benzo(g,h,i)perylene	29.54	276	1371952	20.78	ng/ul	97

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

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