

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041017\
 Data File : BG026615.D
 Acq On : 11 Apr 2017 10:58
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc : For Confirmation
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02030

Quant Time: Apr 11 11:47:55 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 04 04:02:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	175694	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	752695	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.64	164	445867	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.37	188	1069732	20.00	ng/ul	0.00
77) Chrysene-d12	21.62	240	1243416	20.00	ng/ul	0.00
85) Perylene-d12	24.79	264	1236912	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	28330	7.71	ng/uL	0.00
5) Phenol-d5	7.19	99	258604	19.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	150682	20.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	232663	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	211479	20.29	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	108530	20.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	124753	19.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	229765	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	296433	25.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.04	166	721038	20.88	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	872970	20.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	125990	18.76	ng/ul	0.00
57) Fluorene-d10	15.63	176	632615	20.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	134183	19.51	ng/ul	0.00
70) Anthracene-d10	17.47	188	978060	20.13	ng/ul	0.00
78) Pyrene-d10	19.75	212	1110652	20.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.58	264	1052774	19.81	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	30605	7.80	ng/uL#	81
4) Benzaldehyde	7.17	77	150444	20.82	ng/ul	91
6) Phenol	7.22	94	280243	20.74	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.45	93	213549	20.71	ng/ul	96
10) 2-Chlorophenol	7.60	128	226501	20.18	ng/ul	98
11) 2-Methylphenol	8.47	108	213199	20.18	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.57	45	204972	21.08	ng/ul	95
14) Acetophenone	8.85	105	322833	20.62	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.83	70	150121	20.65	ng/ul	95
16) 4-Methylphenol	8.80	108	234692	20.52	ng/ul	97
17) Hexachloroethane	9.12	117	82205	19.78	ng/ul	89
20) Nitrobenzene	9.23	77	218629	20.46	ng/ul	95
21) Isophorone	9.75	82	414788	20.38	ng/ul#	94
23) 2-Nitrophenol	9.95	139	136871	20.64	ng/ul#	87
24) 2,4-Dimethylphenol	10.00	107	240107	20.16	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.23	93	288614	20.52	ng/ul	99
27) 2,4-Dichlorophenol	10.48	162	230100	20.14	ng/ul	94
28) Naphthalene	10.88	128	738296	20.44	ng/ul	99
30) 4-Chloroaniline	10.99	127	273407	24.88	ng/ul	95
31) Hexachlorobutadiene	11.17	225	146761	20.18	ng/ul	97
32) Caprolactam	11.73	113	78033	19.34	ng/ul	87
33) 4-Chloro-3-methylphenol	12.10	107	213850	19.33	ng/ul	89
34) 2-Methylnaphthalene	12.48	142	570318	20.42	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	282671	20.14	ng/ul#	97
37) Hexachlorocyclopentadiene	12.83	237	129923	18.53	ng/ul	99
38) 2,4,6-Trichlorophenol	13.08	196	182625	19.61	ng/ul	93
39) 2,4,5-Trichlorophenol	13.16	196	189107	19.72	ng/ul	99
40) 1,1'-Biphenyl	13.48	154	725035	20.27	ng/ul	99
41) 2-Chloronaphthalene	13.53	162	538193	19.93	ng/ul#	91
42) 2-Nitroaniline	13.72	65	127793	20.36	ng/ul	97
44) Dimethylphthalate	14.09	163	692496	20.70	ng/ul	98
45) 2,6-Dinitrotoluene	14.21	165	149869	20.76	ng/ul#	86
47) Acenaphthylene	14.37	152	873135	20.38	ng/ul	99
48) 3-Nitroaniline	14.54	138	154285	23.19	ng/ul	87
49) Acenaphthene	14.71	153	600350	20.20	ng/ul	99
50) 2,4-Dinitrophenol	14.76	184	68666	16.88	ng/ul#	76
52) 4-Nitrophenol	14.85	109	68587	19.24	ng/ul#	61
53) Dibenzofuran	15.04	168	866704	20.51	ng/ul	90
54) 2,4-Dinitrotoluene	15.00	165	216249	20.71	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.26	232	176231	19.11	ng/ul#	88
56) Diethylphthalate	15.44	149	699387	21.03	ng/ul	97
58) Fluorene	15.68	166	710660	20.22	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.67	204	346043	20.05	ng/ul#	86
60) 4-Nitroaniline	15.70	138	168546	20.33	ng/ul#	74
63) 4,6-Dinitro-2-methylphenol	15.76	198	143816	19.92	ng/ul#	87
64) N-Nitrosodiphenylamine	15.88	169	615002	20.10	ng/ul	98
65) 4-Bromophenyl-phenylether	16.56	248	232015	19.72	ng/ul#	84
66) Hexachlorobenzene	16.69	284	257097	20.39	ng/ul#	87
67) Atrazine	16.82	200	239263	20.19	ng/ul	97
68) Pentachlorophenol	17.03	266	136137	18.14	ng/ul	96
69) Phenanthrene	17.41	178	1134800	20.24	ng/ul	98
71) Anthracene	17.51	178	1177767	20.53	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.45	216	275505	19.55	ng/uL	99
73) Pentachlorobenzene	14.96	250	321362	20.04	ng/uL	99
74) Carbazole	17.77	167	1077440	21.85	ng/ul	97
75) Di-n-butylphthalate	18.32	149	1209790	20.81	ng/ul	98
76) Fluoranthene	19.42	202	1373054	22.92	ng/ul	99
79) Pyrene	19.78	202	1416989	20.47	ng/ul	98
80) Butylbenzylphthalate	20.65	149	552169	20.16	ng/ul	92
81) 3,3'-Dichlorobenzidine	21.51	252	481528	22.32	ng/ul	99
82) Benzo(a)anthracene	21.60	228	1369271	20.36	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.50	149	774993	19.80	ng/ul#	93
84) Chrysene	21.66	228	1256822	20.21	ng/ul	97
86) Di-n-octyl phthalate	22.68	149	1324867	20.82	ng/ul#	96
87) Benzo(b)fluoranthene	23.78	252	1362803	19.42	ng/ul	98
88) Benzo(k)fluoranthene	23.85	252	1354544	20.21	ng/ul	98
90) Benzo(a)pyrene	24.64	252	1368747	20.17	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.40	276	1612691	19.71	ng/ul	95
92) Dibenzo(a,h)anthracene	28.45	278	1378861	20.18	ng/ul	96
93) Benzo(g,h,i)perylene	29.52	276	1354796	19.90	ng/ul	98

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

