

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032917\
 Data File : BG026478.D
 Acq On : 29 Mar 2017 16:07
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02015

Quant Time: Mar 29 18:17:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG032717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 29 11:20:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	173118	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	738281	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.64	164	430413	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	1000748	20.00	ng/ul	0.00
77) Chrysene-d12	21.62	240	1104302	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1105398	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	29493	8.15	ng/uL	0.00
5) Phenol-d5	7.20	99	266634	20.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	148554	20.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	240820	21.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	213564	20.79	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	110859	21.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	130856	21.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	232495	20.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	295966	26.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	697907	20.94	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	871742	20.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	123557	19.06	ng/ul	0.00
57) Fluorene-d10	15.63	176	631921	20.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	124457	19.34	ng/ul	0.00
70) Anthracene-d10	17.48	188	961565	21.16	ng/ul	0.00
78) Pyrene-d10	19.76	212	1059901	21.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	981334	20.66	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.51	88	32403	8.38	ng/uL#	86
4) Benzaldehyde	7.18	77	152736	21.45	ng/ul	86
6) Phenol	7.23	94	282705	21.24	ng/ul#	92
8) Bis(2-Chloroethyl)ether	7.45	93	213820	21.04	ng/ul	94
10) 2-Chlorophenol	7.61	128	233656	21.13	ng/ul	99
11) 2-Methylphenol	8.48	108	220307	21.16	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.57	45	200787	20.96	ng/ul	99
14) Acetophenone	8.86	105	330157	21.40	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.84	70	151194	21.11	ng/ul	91
16) 4-Methylphenol	8.80	108	237063	21.04	ng/ul	94
17) Hexachloroethane	9.12	117	83680	20.44	ng/ul	87
20) Nitrobenzene	9.24	77	214756	20.49	ng/ul	92
21) Isophorone	9.76	82	413493	20.71	ng/ul#	94
23) 2-Nitrophenol	9.95	139	137209	21.09	ng/ul#	89
24) 2,4-Dimethylphenol	10.01	107	241986	20.71	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.24	93	282746	20.50	ng/ul	98
27) 2,4-Dichlorophenol	10.48	162	231154	20.62	ng/ul	97
28) Naphthalene	10.89	128	740516	20.90	ng/ul	99
30) 4-Chloroaniline	11.00	127	277104	25.71	ng/ul	100
31) Hexachlorobutadiene	11.18	225	149519	20.96	ng/ul	97
32) Caprolactam	11.74	113	76781	19.40	ng/ul	93
33) 4-Chloro-3-methylphenol	12.11	107	224554	20.69	ng/ul	85
34) 2-Methylnaphthalene	12.49	142	569162	20.77	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	279931	20.66	ng/ul	97
37) Hexachlorocyclopentadiene	12.83	237	132315	19.54	ng/ul	97
38) 2,4,6-Trichlorophenol	13.09	196	185012	20.58	ng/ul	94
39) 2,4,5-Trichlorophenol	13.16	196	184721	19.96	ng/ul	95
40) 1,1'-Biphenyl	13.48	154	721014	20.88	ng/ul	97
41) 2-Chloronaphthalene	13.53	162	545876	20.94	ng/ul	95
42) 2-Nitroaniline	13.73	65	125534	20.71	ng/ul	88
44) Dimethylphthalate	14.09	163	666517	20.64	ng/ul	98
45) 2,6-Dinitrotoluene	14.22	165	148743	21.34	ng/ul	89
47) Acenaphthylene	14.37	152	867347	20.98	ng/ul	97
48) 3-Nitroaniline	14.54	138	148220	23.08	ng/ul	88
49) Acenaphthene	14.71	153	591104	20.60	ng/ul	98
50) 2,4-Dinitrophenol	14.76	184	60830	15.49	ng/ul#	80
52) 4-Nitrophenol	14.86	109	68587	19.93	ng/ul#	58
53) Dibenzofuran	15.04	168	852945	20.91	ng/ul	88
54) 2,4-Dinitrotoluene	15.00	165	210359	20.87	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.27	232	187428	21.06	ng/ul#	88
56) Diethylphthalate	15.45	149	670635	20.89	ng/ul	95
58) Fluorene	15.69	166	703449	20.74	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.68	204	345384	20.73	ng/ul#	85
60) 4-Nitroaniline	15.70	138	159287	19.90	ng/ul#	74
63) 4,6-Dinitro-2-methylphenol	15.77	198	135983	20.13	ng/ul#	85
64) N-Nitrosodiphenylamine	15.89	169	608040	21.24	ng/ul	99
65) 4-Bromophenyl-phenylether	16.57	248	230412	20.93	ng/ul#	84
66) Hexachlorobenzene	16.70	284	251739	21.34	ng/ul#	85
67) Atrazine	16.83	200	236300	21.31	ng/ul	97
68) Pentachlorophenol	17.04	266	139093	19.81	ng/ul	98
69) Phenanthrene	17.42	178	1098675	20.95	ng/ul	98
71) Anthracene	17.51	178	1137572	21.20	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	279209	21.18	ng/uL	100
73) Pentachlorobenzene	14.97	250	317627	21.18	ng/uL	99
74) Carbazole	17.78	167	1038491	22.51	ng/ul	96
75) Di-n-butylphthalate	18.33	149	1158474	21.30	ng/ul#	98
76) Fluoranthene	19.42	202	1299654	23.19	ng/ul	99
79) Pvrene	19.79	202	1332033	21.66	ng/ul	100
80) Butylbenzylphthalate	20.66	149	506039	20.81	ng/ul	90
81) 3,3'-Dichlorobenzidine	21.52	252	448464	23.40	ng/ul	99
82) Benzo(a)anthracene	21.61	228	1280227	21.43	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.51	149	723283	20.81	ng/ul#	92
84) Chrysene	21.67	228	1154517	20.91	ng/ul	96
86) Di-n-octyl phthalate	22.69	149	1230284	21.64	ng/ul#	96
87) Benzo(b)fluoranthene	23.79	252	1305906	20.83	ng/ul	98
88) Benzo(k)fluoranthene	23.86	252	1243186	20.76	ng/ul	98
90) Benzo(a)pyrene	24.66	252	1273732	21.00	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.43	276	1488875	20.36	ng/ul	93
92) Dibenzo(a,h)anthracene	28.48	278	1265209	20.72	ng/ul	97
93) Benzo(g,h,i)perylene	29.55	276	1239386	20.37	ng/ul	97

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

