

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040717\
 Data File : BG026596.D
 Acq On : 7 Apr 2017 13:22
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02026

Quant Time: Apr 08 00:20:29 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	8.04	152	143839	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	619588	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	379163	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	911067	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1117603	20.00	ng/ul	0.00
85) Perylene-d12	24.81	264	1114069	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	24332	8.09	ng/uL	0.00
5) Phenol-d5	7.20	99	222289	20.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	127883	21.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	196503	20.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	180009	21.09	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	91919	20.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	109668	21.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	194712	20.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	118098	12.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	619301	21.09	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	731103	19.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	113499	19.87	ng/ul	0.00
57) Fluorene-d10	15.63	176	541765	20.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	124731	21.29	ng/ul	0.00
70) Anthracene-d10	17.47	188	847073	20.47	ng/ul	0.00
78) Pyrene-d10	19.75	212	991441	19.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	963163	20.12	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	24326	7.57	ng/uL#	78
4) Benzaldehyde	7.17	77	129754	21.93	ng/ul	98
6) Phenol	7.23	94	229122	20.71	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.45	93	178845	21.18	ng/ul	93
10) 2-Chlorophenol	7.60	128	188346	20.50	ng/ul	94
11) 2-Methylphenol	8.48	108	184000	21.27	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.57	45	175302	22.02	ng/ul	98
14) Acetophenone	8.85	105	275189	21.47	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.84	70	129629	21.78	ng/ul	95
16) 4-Methylphenol	8.80	108	198315	21.18	ng/ul	99
17) Hexachloroethane	9.12	117	67054	19.71	ng/ul	84
20) Nitrobenzene	9.24	77	183876	20.90	ng/ul	93
21) Isophorone	9.75	82	357887	21.36	ng/ul	96
23) 2-Nitrophenol	9.95	139	114910	21.05	ng/ul#	89
24) 2,4-Dimethylphenol	10.01	107	201247	20.53	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.23	93	242276	20.93	ng/ul	99
27) 2,4-Dichlorophenol	10.49	162	193447	20.56	ng/ul	98
28) Naphthalene	10.89	128	610574	20.54	ng/ul	98
30) 4-Chloroaniline	10.99	127	113971	12.60	ng/ul	94
31) Hexachlorobutadiene	11.17	225	119205	19.91	ng/ul	98
32) Caprolactam	11.73	113	73560	22.15	ng/ul	98
33) 4-Chloro-3-methylphenol	12.11	107	188306	20.67	ng/ul	91
34) 2-Methylnaphthalene	12.48	142	473037	20.57	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	233459	19.56	ng/ul	96
37) Hexachlorocyclopentadiene	12.83	237	110543	18.54	ng/ul	99
38) 2,4,6-Trichlorophenol	13.08	196	159649	20.16	ng/ul	99
39) 2,4,5-Trichlorophenol	13.17	196	163797	20.09	ng/ul	95
40) 1,1'-Biphenyl	13.48	154	614280	20.20	ng/ul	100
41) 2-Chloronaphthalene	13.52	162	453939	19.77	ng/ul	94
42) 2-Nitroaniline	13.72	65	114301	21.41	ng/ul	97
44) Dimethylphthalate	14.09	163	590503	20.75	ng/ul	99
45) 2,6-Dinitrotoluene	14.21	165	124441	20.27	ng/ul	89
47) Acenaphthylene	14.37	152	744012	20.43	ng/ul	98
48) 3-Nitroaniline	14.55	138	120522	21.30	ng/ul	87
49) Acenaphthene	14.71	153	509532	20.16	ng/ul	98
50) 2,4-Dinitrophenol	14.76	184	61013	17.64	ng/ul#	83
52) 4-Nitrophenol	14.85	109	62420	20.59	ng/ul#	70
53) Dibenzofuran	15.04	168	732131	20.37	ng/ul	90
54) 2,4-Dinitrotoluene	15.00	165	186304	20.98	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.27	232	161841	20.64	ng/ul#	88
56) Diethylphthalate	15.45	149	602510	21.30	ng/ul	97
58) Fluorene	15.69	166	606892	20.31	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.68	204	296557	20.20	ng/ul#	87
60) 4-Nitroaniline	15.70	138	152304	21.60	ng/ul#	72
63) 4,6-Dinitro-2-methylphenol	15.76	198	133009	21.63	ng/ul#	82
64) N-Nitrosodiphenylamine	15.89	169	529258	20.31	ng/ul	97
65) 4-Bromophenyl-phenylether	16.57	248	192983	19.26	ng/ul#	81
66) Hexachlorobenzene	16.69	284	202601	18.86	ng/ul#	90
67) Atrazine	16.83	200	215134	21.31	ng/ul	96
68) Pentachlorophenol	17.03	266	135969	21.27	ng/ul	97
69) Phenanthrene	17.42	178	975983	20.44	ng/ul	99
71) Anthracene	17.51	178	1018785	20.86	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.45	216	231377	19.28	ng/uL	99
73) Pentachlorobenzene	14.96	250	269139	19.71	ng/uL	99
74) Carbazole	17.78	167	938243	22.34	ng/ul	96
75) Di-n-butylphthalate	18.33	149	1119288	22.61	ng/ul	98
76) Fluoranthene	19.42	202	1207418	23.67	ng/ul	100
79) Pyrene	19.78	202	1239125	19.91	ng/ul	98
80) Butylbenzylphthalate	20.66	149	534202	21.70	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.52	252	299798	15.46	ng/ul	98
82) Benzo(a)anthracene	21.60	228	1258388	20.82	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.50	149	754999	21.46	ng/ul#	95
84) Chrysene	21.67	228	1139569	20.39	ng/ul	97
86) Di-n-octyl phthalate	22.70	149	1290595	22.52	ng/ul	97
87) Benzo(b)fluoranthene	23.80	252	1242377	19.66	ng/ul	98
88) Benzo(k)fluoranthene	23.86	252	1263918	20.94	ng/ul	99
90) Benzo(a)pyrene	24.65	252	1250087	20.45	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.42	276	1507739	20.45	ng/ul#	92
92) Dibenzo(a,h)anthracene	28.48	278	1254929	20.39	ng/ul	98
93) Benzo(g,h,i)perylene	29.55	276	1250512	20.40	ng/ul	98

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

