

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
 Data File : BG026438.D
 Acq On : 27 Mar 2017 17:53
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02008

Quant Time: Mar 27 18:34:12 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 27 17:23:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	158247	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	663447	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	390614	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	904448	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1041218	20.00	ng/ul	0.00
85) Perylene-d12	24.81	264	1031283	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	26662	8.06	ng/uL	0.00
5) Phenol-d5	7.21	99	245308	21.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	137363	21.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	216486	20.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	193325	20.59	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	102465	21.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	119290	21.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	213893	20.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	253043	24.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	641871	21.22	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	788420	20.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	113994	19.37	ng/ul	0.00
57) Fluorene-d10	15.63	176	564707	20.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	118271	20.34	ng/ul	0.00
70) Anthracene-d10	17.48	188	869762	21.18	ng/ul	0.00
78) Pyrene-d10	19.76	212	973874	20.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	927470	20.93	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	27247	7.71	ng/uL#	78
4) Benzaldehyde	7.18	77	136065	20.90	ng/ul	89
6) Phenol	7.23	94	259588	21.33	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.46	93	196397	21.15	ng/ul	95
10) 2-Chlorophenol	7.61	128	212593	21.03	ng/ul	98
11) 2-Methylphenol	8.48	108	201403	21.17	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.58	45	185068	21.13	ng/ul	99
14) Acetophenone	8.86	105	297769	21.12	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.84	70	137522	21.01	ng/ul	92
16) 4-Methylphenol	8.81	108	215585	20.93	ng/ul	99
17) Hexachloroethane	9.13	117	77725	20.77	ng/ul	87
20) Nitrobenzene	9.24	77	198323	21.05	ng/ul	91
21) Isophorone	9.76	82	377748	21.06	ng/ul#	92
23) 2-Nitrophenol	9.95	139	128191	21.93	ng/ul#	85
24) 2,4-Dimethylphenol	10.01	107	220558	21.01	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.24	93	259165	20.91	ng/ul	98
27) 2,4-Dichlorophenol	10.49	162	214515	21.30	ng/ul	94
28) Naphthalene	10.89	128	675653	21.22	ng/ul	100
30) 4-Chloroaniline	11.00	127	240430	24.83	ng/ul	100
31) Hexachlorobutadiene	11.18	225	133658	20.85	ng/ul	98
32) Caprolactam	11.74	113	72932	20.51	ng/ul	96
33) 4-Chloro-3-methylphenol	12.11	107	204965	21.02	ng/ul	88
34) 2-Methylnaphthalene	12.49	142	517585	21.02	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	259160	21.07	ng/ul#	97
37) Hexachlorocyclopentadiene	12.84	237	120400	19.60	ng/ul#	98
38) 2,4,6-Trichlorophenol	13.10	196	169271	20.75	ng/ul	98
39) 2,4,5-Trichlorophenol	13.17	196	173130	20.61	ng/ul	99
40) 1,1'-Biphenyl	13.49	154	658136	21.00	ng/ul	98
41) 2-Chloronaphthalene	13.53	162	482262	20.39	ng/ul	93
42) 2-Nitroaniline	13.73	65	117129	21.30	ng/ul	94
44) Dimethylphthalate	14.09	163	606855	20.70	ng/ul	97
45) 2,6-Dinitrotoluene	14.22	165	133104	21.04	ng/ul	89
47) Acenaphthylene	14.37	152	790709	21.07	ng/ul	97
48) 3-Nitroaniline	14.55	138	130249	22.35	ng/ul#	90
49) Acenaphthene	14.71	153	542695	20.84	ng/ul	98
50) 2,4-Dinitrophenol	14.76	184	63066	17.70	ng/ul#	79
52) 4-Nitrophenol	14.86	109	64039	20.51	ng/ul#	60
53) Dibenzofuran	15.05	168	770682	20.81	ng/ul	88
54) 2,4-Dinitrotoluene	15.01	165	194163	21.23	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.27	232	165334	20.47	ng/ul	91
56) Diethylphthalate	15.45	149	606209	20.81	ng/ul	94
58) Fluorene	15.69	166	636487	20.67	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.68	204	312858	20.69	ng/ul#	84
60) 4-Nitroaniline	15.70	138	145228	19.99	ng/ul#	74
63) 4,6-Dinitro-2-methylphenol	15.77	198	129784	21.26	ng/ul#	84
64) N-Nitrosodiphenylamine	15.89	169	554069	21.41	ng/ul	97
65) 4-Bromophenyl-phenylether	16.57	248	208257	20.94	ng/ul#	83
66) Hexachlorobenzene	16.70	284	224477	21.05	ng/ul#	87
67) Atrazine	16.83	200	214008	21.36	ng/ul	94
68) Pentachlorophenol	17.04	266	129513	20.41	ng/ul	96
69) Phenanthrene	17.42	178	1006530	21.24	ng/ul	98
71) Anthracene	17.51	178	1045573	21.56	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	252951	21.23	ng/uL	99
73) Pentachlorobenzene	14.97	250	284331	20.97	ng/uL	99
74) Carbazole	17.78	167	952659	22.85	ng/ul	96
75) Di-n-butylphthalate	18.33	149	1062002	21.61	ng/ul	98
76) Fluoranthene	19.42	202	1204916	23.79	ng/ul	99
79) Pyrene	19.79	202	1235400	21.31	ng/ul	99
80) Butylbenzylphthalate	20.66	149	479061	20.89	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.52	252	396611	21.95	ng/ul#	97
82) Benzo(a)anthracene	21.61	228	1201801	21.34	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.51	149	680443	20.76	ng/ul#	95
84) Chrysene	21.67	228	1098537	21.10	ng/ul	98
86) Di-n-octyl phthalate	22.70	149	1161486	21.89	ng/ul#	95
87) Benzo(b)fluoranthene	23.79	252	1242313	21.24	ng/ul	100
88) Benzo(k)fluoranthene	23.86	252	1174541	21.02	ng/ul	99
90) Benzo(a)pyrene	24.66	252	1192366	21.07	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.43	276	1406407	20.61	ng/ul#	92
92) Dibenzo(a,h)anthracene	28.48	278	1169824	20.54	ng/ul	97
93) Benzo(g,h,i)perylene	29.56	276	1172955	20.67	ng/ul	97

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

