

Data Path : Z:\HPCHEM1\BNA_G\Data\BG040317\
 Data File : BG026542.D
 Acq On : 3 Apr 2017 19:41
 Operator : SJ/MA
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02025

Quant Time: Apr 04 04:02:37 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	189498	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	791791	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	459830	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	1074380	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1232819	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1233111	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	33720	8.51	ng/uL	0.00
5) Phenol-d5	7.20	99	295710	21.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	163587	20.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	262202	20.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	236205	21.01	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	117886	20.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	137721	20.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	256544	21.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	320379	26.44	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	750737	21.08	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	930869	20.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	135704	19.59	ng/ul	0.00
57) Fluorene-d10	15.63	176	674220	20.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	134478	19.47	ng/ul	0.00
70) Anthracene-d10	17.48	188	1028122	21.07	ng/ul	0.00
78) Pyrene-d10	19.75	212	1137845	20.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.58	264	1094723	20.66	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	35176	8.31	ng/uL#	84
4) Benzaldehyde	7.18	77	167273	21.46	ng/ul	88
6) Phenol	7.23	94	311435	21.37	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.45	93	234726	21.10	ng/ul	95
10) 2-Chlorophenol	7.61	128	258533	21.35	ng/ul	99
11) 2-Methylphenol	8.48	108	235935	20.71	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.57	45	226148	21.56	ng/ul	99
14) Acetophenone	8.86	105	357946	21.20	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.84	70	161882	20.65	ng/ul	94
16) 4-Methylphenol	8.81	108	259252	21.02	ng/ul	98
17) Hexachloroethane	9.13	117	93687	20.90	ng/ul#	85
20) Nitrobenzene	9.24	77	231186	20.56	ng/ul	91
21) Isophorone	9.76	82	448877	20.97	ng/ul#	94
23) 2-Nitrophenol	9.95	139	149313	21.40	ng/ul#	87
24) 2,4-Dimethylphenol	10.01	107	262211	20.93	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.24	93	309634	20.93	ng/ul	99
27) 2,4-Dichlorophenol	10.49	162	253922	21.12	ng/ul	94
28) Naphthalene	10.89	128	802389	21.12	ng/ul	98
30) 4-Chloroaniline	11.00	127	307670	26.62	ng/ul	99
31) Hexachlorobutadiene	11.18	225	161129	21.06	ng/ul	97
32) Caprolactam	11.74	113	82204	19.37	ng/ul	95
33) 4-Chloro-3-methylphenol	12.11	107	238935	20.53	ng/ul	89
34) 2-Methylnaphthalene	12.48	142	622557	21.19	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	306379	21.16	ng/ul	96
37) Hexachlorocyclopentadiene	12.84	237	140842	19.47	ng/ul	99
38) 2,4,6-Trichlorophenol	13.09	196	199894	20.81	ng/ul	97
39) 2,4,5-Trichlorophenol	13.17	196	202308	20.46	ng/ul	93
40) 1,1'-Biphenyl	13.48	154	784438	21.27	ng/ul	98
41) 2-Chloronaphthalene	13.53	162	583923	20.97	ng/ul	94
42) 2-Nitroaniline	13.73	65	133205	20.57	ng/ul	88
44) Dimethylphthalate	14.09	163	719797	20.86	ng/ul	98
45) 2,6-Dinitrotoluene	14.22	165	156550	21.02	ng/ul#	88
47) Acenaphthylene	14.37	152	945250	21.40	ng/ul	98
48) 3-Nitroaniline	14.55	138	159223	23.21	ng/ul	94
49) Acenaphthene	14.71	153	641126	20.92	ng/ul	99
50) 2,4-Dinitrophenol	14.76	184	53790	12.82	ng/ul#	76
52) 4-Nitrophenol	14.85	109	73425	19.98	ng/ul#	58
53) Dibenzofuran	15.04	168	926879	21.26	ng/ul	90
54) 2,4-Dinitrotoluene	15.00	165	228055	21.18	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.27	232	196875	20.70	ng/ul#	89
56) Diethylphthalate	15.45	149	716587	20.89	ng/ul	96
58) Fluorene	15.69	166	758656	20.93	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.67	204	374932	21.06	ng/ul#	87
60) 4-Nitroaniline	15.70	138	171594	20.06	ng/ul#	70
63) 4,6-Dinitro-2-methylphenol	15.77	198	142423	19.64	ng/ul#	81
64) N-Nitrosodiphenylamine	15.89	169	664947	21.63	ng/ul	99
65) 4-Bromophenyl-phenylether	16.57	248	251034	21.25	ng/ul#	84
66) Hexachlorobenzene	16.70	284	264417	20.88	ng/ul#	86
67) Atrazine	16.83	200	249239	20.94	ng/ul	96
68) Pentachlorophenol	17.03	266	145126	19.25	ng/ul	97
69) Phenanthrene	17.42	178	1181881	20.99	ng/ul	98
71) Anthracene	17.51	178	1222768	21.23	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.45	216	305513	21.59	ng/uL	96
73) Pentachlorobenzene	14.97	250	339132	21.06	ng/uL	100
74) Carbazole	17.78	167	1117843	22.57	ng/ul	96
75) Di-n-butylphthalate	18.33	149	1231692	21.10	ng/ul	98
76) Fluoranthene	19.42	202	1398287	23.24	ng/ul	99
79) Pyrene	19.78	202	1432315	20.86	ng/ul	98
80) Butylbenzylphthalate	20.66	149	554221	20.41	ng/ul	91
81) 3,3'-Dichlorobenzidine	21.51	252	502908	23.51	ng/ul	99
82) Benzo(a)anthracene	21.60	228	1412719	21.19	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.50	149	789245	20.34	ng/ul#	92
84) Chrysene	21.67	228	1292915	20.97	ng/ul	98
86) Di-n-octyl phthalate	22.69	149	1332564	21.01	ng/ul#	96
87) Benzo(b)fluoranthene	23.79	252	1436190	20.53	ng/ul	98
88) Benzo(k)fluoranthene	23.86	252	1423945	21.32	ng/ul	98
90) Benzo(a)pyrene	24.65	252	1414518	20.91	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.41	276	1658343	20.33	ng/ul#	91
92) Dibenzo(a,h)anthracene	28.47	278	1394983	20.48	ng/ul	98
93) Benzo(g,h,i)perylene	29.55	276	1384259	20.40	ng/ul	98

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

