

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032717\
 Data File : BG026456.D
 Acq On : 28 Mar 2017 13:56
 Operator : SJ/MA
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02011

Quant Time: Mar 28 14:28:56 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 28 11:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	206421	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	845243	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.64	164	485372	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	1140060	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1299220	20.00	ng/ul	0.00
85) Perylene-d12	24.81	264	1283449	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	33743	7.82	ng/uL	0.00
5) Phenol-d5	7.20	99	313535	20.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	175538	20.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	282902	20.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	245582	20.05	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	126451	20.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.91	143	150101	21.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	272838	21.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	330179	25.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	781114	20.78	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	982748	20.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	150460	20.58	ng/ul	0.00
57) Fluorene-d10	15.63	176	703476	20.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	150026	20.46	ng/ul	0.00
70) Anthracene-d10	17.48	188	1077596	20.81	ng/ul	0.00
78) Pyrene-d10	19.76	212	1224445	21.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	1171019	21.24	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	37185	8.07	ng/uL#	86
4) Benzaldehyde	7.17	77	178145	20.98	ng/ul	91
6) Phenol	7.22	94	329786	20.78	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.45	93	250327	20.66	ng/ul	94
10) 2-Chlorophenol	7.60	128	273313	20.72	ng/ul	97
11) 2-Methylphenol	8.48	108	252688	20.36	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.57	45	232523	20.35	ng/ul	100
14) Acetophenone	8.85	105	378364	20.57	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.83	70	170998	20.02	ng/ul	93
16) 4-Methylphenol	8.80	108	276752	20.60	ng/ul	100
17) Hexachloroethane	9.12	117	100148	20.51	ng/ul	84
20) Nitrobenzene	9.23	77	249184	20.76	ng/ul	93
21) Isophorone	9.76	82	476471	20.85	ng/ul#	93
23) 2-Nitrophenol	9.94	139	158135	21.23	ng/ul#	87
24) 2,4-Dimethylphenol	10.00	107	263441	19.70	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.23	93	327067	20.71	ng/ul	99
27) 2,4-Dichlorophenol	10.48	162	269230	20.98	ng/ul	95
28) Naphthalene	10.88	128	849323	20.94	ng/ul	99
30) 4-Chloroaniline	10.99	127	308367	24.99	ng/ul	99
31) Hexachlorobutadiene	11.17	225	169008	20.70	ng/ul	98
32) Caprolactam	11.74	113	88877	19.62	ng/ul	92
33) 4-Chloro-3-methylphenol	12.11	107	255513	20.56	ng/ul#	87
34) 2-Methylnaphthalene	12.48	142	646110	20.60	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	317755	20.79	ng/ul	97
37) Hexachlorocyclopentadiene	12.83	237	134095	17.56	ng/ul	98
38) 2,4,6-Trichlorophenol	13.09	196	210861	20.80	ng/ul	97
39) 2,4,5-Trichlorophenol	13.16	196	219366	21.02	ng/ul	100
40) 1,1'-Biphenyl	13.48	154	819798	21.05	ng/ul	98
41) 2-Chloronaphthalene	13.53	162	612595	20.84	ng/ul	93
42) 2-Nitroaniline	13.73	65	143040	20.93	ng/ul	88
44) Dimethylphthalate	14.09	163	751657	20.64	ng/ul	98
45) 2,6-Dinitrotoluene	14.22	165	165078	21.00	ng/ul	90
47) Acenaphthylene	14.37	152	979861	21.01	ng/ul	97
48) 3-Nitroaniline	14.54	138	172946	23.88	ng/ul	91
49) Acenaphthene	14.71	153	673223	20.81	ng/ul	99
50) 2,4-Dinitrophenol	14.76	184	86230	19.48	ng/ul#	82
52) 4-Nitrophenol	14.85	109	82443	21.25	ng/ul#	61
53) Dibenzofuran	15.04	168	965291	20.98	ng/ul	90
54) 2,4-Dinitrotoluene	15.00	165	244085	21.48	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.27	232	212480	21.17	ng/ul	91
56) Diethylphthalate	15.45	149	759475	20.98	ng/ul	95
58) Fluorene	15.69	166	787527	20.59	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.68	204	388226	20.66	ng/ul#	86
60) 4-Nitroaniline	15.70	138	188400	20.87	ng/ul#	74
63) 4,6-Dinitro-2-methylphenol	15.77	198	161589	21.00	ng/ul#	85
64) N-Nitrosodiphenylamine	15.89	169	692024	21.22	ng/ul	98
65) 4-Bromophenyl-phenylether	16.57	248	258781	20.64	ng/ul#	86
66) Hexachlorobenzene	16.70	284	282615	21.03	ng/ul#	88
67) Atrazine	16.83	200	265526	21.02	ng/ul	99
68) Pentachlorophenol	17.04	266	166659	20.83	ng/ul	98
69) Phenanthrene	17.42	178	1232777	20.63	ng/ul	97
71) Anthracene	17.51	178	1275327	20.86	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.45	216	314956	20.97	ng/uL	99
73) Pentachlorobenzene	14.97	250	355590	20.81	ng/uL	99
74) Carbazole	17.78	167	1178732	22.43	ng/ul	95
75) Di-n-butylphthalate	18.33	149	1331465	21.49	ng/ul	97
76) Fluoranthene	19.42	202	1479385	23.17	ng/ul	98
79) Pyrene	19.79	202	1526673	21.10	ng/ul	98
80) Butylbenzylphthalate	20.66	149	603915	21.10	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.52	252	531905	23.59	ng/ul	99
82) Benzo(a)anthracene	21.61	228	1492872	21.25	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.51	149	855222	20.91	ng/ul#	94
84) Chrysene	21.67	228	1358365	20.91	ng/ul	96
86) Di-n-octyl phthalate	22.69	149	1474590	22.33	ng/ul#	96
87) Benzo(b)fluoranthene	23.80	252	1529155	21.00	ng/ul	99
88) Benzo(k)fluoranthene	23.86	252	1499713	21.57	ng/ul	98
90) Benzo(a)pyrene	24.66	252	1492790	21.20	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.43	276	1782391	20.99	ng/ul#	93
92) Dibenzo(a,h)anthracene	28.48	278	1495690	21.10	ng/ul	98
93) Benzo(g,h,i)perylene	29.56	276	1478844	20.94	ng/ul	97

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

