

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081415\
 Data File : BG018436.D
 Acq On : 14 Aug 2015 19:55
 Operator : UM/MA
 Sample : MDL-02-W
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 17 03:50:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 03:15:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	93956	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	420884	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	272286	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	664421	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	656236	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	646816	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	12496	5.88	ng/uL	0.00
5) Phenol-d5	7.18	99	284671	33.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	180072	34.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	214095	32.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	239547	33.43	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	118052	35.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	123303	36.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	239248	33.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	334639	41.75	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	809623	35.34	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	987477	34.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	151350	36.73	ng/ul	0.00
58) Fluorene-d10	15.64	176	708972	35.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	121940	37.31	ng/ul	0.00
71) Anthracene-d10	17.49	188	1126086	35.44	ng/ul	0.00
79) Pyrene-d10	19.77	212	1219147	35.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	1270356	37.00	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.48	88	2091	0.92 ng/uL#	82
4) Benzaldehyde	7.15	77	17111	3.42 ng/ul	90
6) Phenol	7.20	94	25446	2.93 ng/ul	92
8) Bis(2-Chloroethyl)ether	7.43	93	21367	3.19 ng/ul	93
10) 2-Chlorophenol	7.58	128	19000	2.85 ng/ul	92
11) 2-Methylphenol	8.46	108	19245	2.85 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.56	45	28786	2.68 ng/ul	97
14) Acetophenone	8.84	105	34362	3.32 ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.82	70	18204	3.07 ng/ul#	84
16) 4-Methylphenol	8.79	108	20962	2.85 ng/ul	80
17) Hexachloroethane	9.10	117	8039	2.80 ng/ul	94
20) Nitrobenzene	9.21	77	25351	3.06 ng/ul#	92
21) Isophorone	9.74	82	49373	3.10 ng/ul#	90
23) 2-Nitrophenol	9.93	139	11000	2.96 ng/ul	96
24) 2,4-Dimethylphenol	9.98	107	25300m	3.04 ng/ul	
25) Bis(2-Chloroethoxy)methane	10.22	93	29294	2.95 ng/ul#	80
27) 2,4-Dichlorophenol	10.47	162	21247	3.20 ng/ul#	91
28) Naphthalene	10.87	128	70938	3.19 ng/ul	98
30) 4-Chloroaniline	10.97	127	31719	3.89 ng/ul	100
31) Hexachlorobutadiene	11.16	225	13292	3.17 ng/ul	94
32) Caprolactam	11.75	113	8458m	3.16 ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	23170	3.01 ng/ul	92
34) 2-Methylnaphthalene	12.48	142	50392	3.13 ng/ul	91

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081415\
 Data File : BG018436.D
 Acq On : 14 Aug 2015 19:55
 Operator : UM/MA
 Sample : MDL-02-W
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 17 03:50:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 03:15:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	26801	3.07	ng/ul	96
38) Hexachlorocyclopentadiene	12.82	237	14495	2.79	ng/ul	99
39) 2,4,6-Trichlorophenol	13.08	196	17760	2.99	ng/ul	99
40) 2,4,5-Trichlorophenol	13.15	196	17437	2.73	ng/ul	93
41) 1,1'-Biphenyl	13.48	154	69623	3.06	ng/ul	98
42) 2-Chloronaphthalene	13.52	162	54080	3.06	ng/ul	94
43) 2-Nitroaniline	13.72	65	18028	3.16	ng/ul	86
45) Dimethylphthalate	14.09	163	70462	3.12	ng/ul#	96
46) 2,6-Dinitrotoluene	14.21	165	13190	2.93	ng/ul	96
48) Acenaphthylene	14.37	152	93736	3.24	ng/ul	99
49) 3-Nitroaniline	14.54	138	15997	3.48	ng/ul	91
50) Acenaphthene	14.71	153	61770	3.04	ng/ul	96
51) 2,4-Dinitrophenol	14.74	184	4325	1.97	ng/ul	84
53) 4-Nitrophenol	14.84	109	10974	3.06	ng/ul	87
54) Dibenzofuran	15.04	168	87002	3.28	ng/ul	97
55) 2,4-Dinitrotoluene	15.00	165	20518	3.19	ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.27	232	16869	3.03	ng/ul#	88
57) Diethylphthalate	15.45	149	74297	3.09	ng/ul	94
59) Fluorene	15.69	166	69734	3.06	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.68	204	35333	3.27	ng/ul#	94
61) 4-Nitroaniline	15.70	138	16835	3.32	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.76	198	12291	3.53	ng/ul#	88
65) N-Nitrosodiphenylamine	15.89	169	61957	3.10	ng/ul	96
66) 4-Bromophenyl-phenylether	16.58	248	21365	2.97	ng/ul	88
67) Hexachlorobenzene	16.69	284	23899	3.14	ng/ul	96
68) Atrazine	16.84	200	25495	3.41	ng/ul#	93
69) Pentachlorophenol	17.04	266	10627	2.09	ng/ul	95
70) Phenanthrene	17.43	178	117906	3.27	ng/ul	96
72) Anthracene	17.52	178	123115	3.35	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	24501	2.67	ng/uL	98
74) Pentachlorobenzene	14.97	250	27286	3.11	ng/uL	97
75) Carbazole	17.79	167	113568	3.53	ng/ul	94
76) Di-n-butylphthalate	18.35	149	142917	3.40	ng/ul#	97
77) Fluoranthene	19.43	202	145019	3.77	ng/ul	99
80) Pyrene	19.80	202	147803	3.33	ng/ul	99
81) Butylbenzylphthalate	20.68	149	61426	3.27	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.54	252	50620	3.71	ng/ul	97
83) Benzo(a)anthracene	21.62	228	134948	3.32	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	89038	3.36	ng/ul	98
85) Chrysene	21.69	228	122499	3.22	ng/ul	98
87) Di-n-octyl phthalate	22.75	149	154563	3.70	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	132621	3.26	ng/ul	98
89) Benzo(k)fluoranthene	23.89	252	120469	3.08	ng/ul	97
91) Benzo(a)pyrene	24.70	252	125055	3.24	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.48	276	141563m	3.17	ng/ul	
93) Dibenzo(a,h)anthracene	28.55	278	115041	3.10	ng/ul	94
94) Benzo(g,h,i)perylene	29.62	276	117656	3.13	ng/ul	96

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

```
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081415\  
Data File : BG018436.D  
Acq On    : 14 Aug 2015   19:55  
Operator  : UM/MA  
Sample    : MDL-02-W  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
```

Quant Time: Aug 17 03:50:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 03:15:20 2015
Response via : Initial Calibration

