

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081415\
 Data File : BG018435.D
 Acq On : 14 Aug 2015 19:17
 Operator : UM/MA
 Sample : MDL-01-W
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 17 03:37:37 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	83974	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	398695	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	254405	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	628895	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	632643	20.00	ng/ul	-0.01
86) Perylene-d12	24.85	264	615769	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	9950	5.24	ng/uL	0.00
5) Phenol-d5	7.17	99	210962	27.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	138968	29.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	165829	28.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	185502	28.97	ng/ul	0.00
19) Nitrobenzene-d5	9.18	128	90009	28.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	94911	29.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	176382	26.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	251020	33.06	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	624712	29.19	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	773661	28.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	120421	31.28	ng/ul	0.00
58) Fluorene-d10	15.63	176	547810	29.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	89101	28.80	ng/ul	0.00
71) Anthracene-d10	17.48	188	888253	29.53	ng/ul	0.00
79) Pyrene-d10	19.77	212	955052	29.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	991546	30.33	ng/ul	-0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.48	88	1253	0.62 ng/uL#	27
4) Benzaldehyde	7.15	77	13541	3.03 ng/ul	98
6) Phenol	7.20	94	17705	2.28 ng/ul#	92
8) Bis(2-Chloroethyl)ether	7.44	93	15299	2.56 ng/ul	90
10) 2-Chlorophenol	7.58	128	14536	2.44 ng/ul#	87
11) 2-Methylphenol	8.45	108	13968	2.32 ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.55	45	19108	1.99 ng/ul#	83
14) Acetophenone	8.83	105	24247	2.62 ng/ul	91
15) N-Nitroso-di-n-propylamine	8.82	70	13739	2.59 ng/ul	99
16) 4-Methylphenol	8.78	108	17120	2.60 ng/ul	90
17) Hexachloroethane	9.10	117	5897	2.30 ng/ul	88
20) Nitrobenzene	9.22	77	18766	2.39 ng/ul	96
21) Isophorone	9.73	82	37329	2.47 ng/ul#	98
23) 2-Nitrophenol	9.93	139	9256	2.63 ng/ul	94
24) 2,4-Dimethylphenol	9.99	107	18540	2.35 ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.23	93	21810	2.32 ng/ul	99
27) 2,4-Dichlorophenol	10.47	162	13597	2.16 ng/ul#	76
28) Naphthalene	10.87	128	49275	2.34 ng/ul#	94
30) 4-Chloroaniline	10.98	127	23237	3.01 ng/ul	92
31) Hexachlorobutadiene	11.16	225	9650	2.43 ng/ul	99
32) Caprolactam	11.74	113	5312m	2.10 ng/ul	
33) 4-Chloro-3-methylphenol	12.10	107	18366	2.52 ng/ul#	83
34) 2-Methylnaphthalene	12.48	142	37617	2.47 ng/ul	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) 1-Methylnaphthalene	12.69	142	57	0.00	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	19707	2.42	ng/ul#	94
38) Hexachlorocyclopentadiene	12.83	237	10502	2.16	ng/ul#	92
39) 2,4,6-Trichlorophenol	13.08	196	13371	2.41	ng/ul	91
40) 2,4,5-Trichlorophenol	13.15	196	14208	2.38	ng/ul	90
41) 1,1'-Biphenyl	13.48	154	51202	2.41	ng/ul#	95
42) 2-Chloronaphthalene	13.52	162	39981	2.42	ng/ul	92
43) 2-Nitroaniline	13.72	65	12914	2.43	ng/ul#	80
45) Dimethylphthalate	14.09	163	50913	2.41	ng/ul#	99
46) 2,6-Dinitrotoluene	14.21	165	10244	2.44	ng/ul	95
48) Acenaphthylene	14.37	152	68288	2.53	ng/ul	98
49) 3-Nitroaniline	14.53	138	11747	2.74	ng/ul	97
50) Acenaphthene	14.71	153	46202	2.44	ng/ul	96
51) 2,4-Dinitrophenol	14.75	184	3236	1.58	ng/ul	89
53) 4-Nitrophenol	14.85	109	9263	2.77	ng/ul#	86
54) Dibenzofuran	15.04	168	62028	2.50	ng/ul	98
55) 2,4-Dinitrotoluene	14.99	165	14921	2.49	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.27	232	12584	2.42	ng/ul#	92
57) Diethylphthalate	15.46	149	57780	2.58	ng/ul	98
59) Fluorene	15.69	166	55204	2.59	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.68	204	26435	2.62	ng/ul	97
61) 4-Nitroaniline	15.69	138	13598	2.87	ng/ul#	83
64) 4,6-Dinitro-2-methylphenol	15.76	198	8717	2.64	ng/ul#	78
65) N-Nitrosodiphenylamine	15.89	169	47623	2.52	ng/ul	86
66) 4-Bromophenyl-phenylether	16.57	248	15464	2.27	ng/ul	94
67) Hexachlorobenzene	16.69	284	17185	2.39	ng/ul	99
68) Atrazine	16.84	200	18890	2.67	ng/ul#	96
69) Pentachlorophenol	17.03	266	7933	1.65	ng/ul	90
70) Phenanthrene	17.43	178	91747	2.69	ng/ul	94
72) Anthracene	17.52	178	90478	2.60	ng/ul	93
73) 1,2,3,4-Tetrachlorobenzene	13.45	216	19964	2.29	ng/uL	98
74) Pentachlorobenzene	14.96	250	18443	2.22	ng/uL	93
75) Carbazole	17.78	167	83285	2.73	ng/ul	99
76) Di-n-butylphthalate	18.35	149	106007	2.66	ng/ul	97
77) Fluoranthene	19.43	202	106762	2.93	ng/ul#	94
80) Pyrene	19.79	202	115422	2.70	ng/ul#	92
81) Butylbenzylphthalate	20.68	149	46012	2.54	ng/ul#	96
82) 3,3'-Dichlorobenzidine	21.54	252	37360	2.84	ng/ul	94
83) Benzo(a)anthracene	21.63	228	98135	2.50	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.54	149	68520	2.68	ng/ul#	95
85) Chrysene	21.69	228	93179	2.54	ng/ul	96
87) Di-n-octyl phthalate	22.75	149	114906	2.89	ng/ul	100
88) Benzo(b)fluoranthene	23.83	252	97061	2.51	ng/ul#	94
89) Benzo(k)fluoranthene	23.89	252	94627	2.54	ng/ul#	96
91) Benzo(a)pyrene	24.69	252	93549	2.54	ng/ul	93
92) Indeno(1,2,3-cd)pyrene	28.48	276	104914	2.46	ng/ul#	94
93) Dibenzo(a,h)anthracene	28.55	278	86949m	2.46	ng/ul	
94) Benzo(g,h,i)perylene	29.62	276	87443m	2.45	ng/ul	

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

