

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
 Data File : BG016006.D
 Acq On : 19 Feb 2015 17:40
 Operator : TP/IZ
 Sample : SSTD08010
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 20 05:09:40 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 20 04:39:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	100346	20.00	ng/ul	0.00
16) Naphthalene-d8	10.61	136	454836	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	265059	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	549678	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	575528	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	558754	20.00	ng/ul	0.01

System Monitoring Compounds

3) Phenol-d5	6.98	99	771107	80.42	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.15	67	426711	79.02	ng/ul	0.00
7) 2-Chlorophenol-d4	7.35	132	594191	92.27	ng/ul	0.00
11) 4-Methylphenol-d8	8.52	113	578452	83.89	ng/ul	0.01
17) Nitrobenzene-d5	8.97	128	283454	79.39	ng/ul	0.00
20) 2-Nitrophenol-d4	9.69	143	276373	75.00	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.22	165	529635	73.45	ng/ul	0.00
27) 4-Chloroaniline-d4	10.74	131	553125	70.05	ng/ul	0.00
41) Dimethylphthalate-d6	13.85	166	1312695	73.58	ng/ul	0.00
44) Acenaphthylene-d8	14.14	160	1766810	78.07	ng/ul	0.00
49) 4-Nitrophenol-d4	14.64	143	342582	101.49	ng/ul	0.02
55) Fluorene-d10	15.43	176	1262228	70.69	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.55	200	225272	78.67	ng/ul	0.01
68) Anthracene-d10	17.28	188	1792091	70.53	ng/ul	0.00
76) Pyrene-d10	19.57	212	1874458	78.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1903470	75.60	ng/ul	0.01

Target Compounds

						Qvalue
2) Benzaldehyde	6.96	77	434634	70.25	ng/ul	99
4) Phenol	7.01	94	793519	78.51	ng/ul	97
6) Bis(2-Chloroethyl)ether	7.25	93	593010	79.49	ng/ul	99
8) 2-Chlorophenol	7.38	128	578585	91.26	ng/ul	96
9) 2-Methylphenol	8.25	108	582770	82.20	ng/ul	99
10) 2,2'-oxybis(1-Chloropropan	8.35	45	741709	117.12	ng/ul	97
12) Acetophenone	8.64	105	803944	71.13	ng/ul	98
13) N-Nitroso-di-n-propylamine	8.63	70	468773	75.02	ng/ul	100
14) 4-Methylphenol	8.59	108	637803	80.54	ng/ul	99
15) Hexachloroethane	8.89	117	217692	68.94	ng/ul	99
18) Nitrobenzene	9.01	77	628010	57.09	ng/ul	99
19) Isophorone	9.54	82	1230166	64.10	ng/ul	99
21) 2-Nitrophenol	9.72	139	306063	75.88	ng/ul	96
22) 2,4-Dimethylphenol	9.78	107	633594	60.72	ng/ul	97
23) Bis(2-Chloroethoxy)methane	10.02	93	753477	69.50	ng/ul	96
25) 2,4-Dichlorophenol	10.25	162	505628	68.34	ng/ul	98
26) Naphthalene	10.65	128	1666587	70.98	ng/ul	95
28) 4-Chloroaniline	10.76	127	529699	65.31	ng/ul	99
29) Hexachlorobutadiene	10.94	225	260822	40.63	ng/ul	99
30) Caprolactam	11.54	113	257518m	82.39	ng/ul	
31) 4-Chloro-3-methylphenol	11.89	107	579002	59.97	ng/ul	96
32) 2-Methylnaphthalene	12.26	142	1207747	71.36	ng/ul	96
34) 1,2,4,5-Tetrachlorobenzene	12.63	216	526801	61.02	ng/ul	99
35) Hexachlorocyclopentadiene	12.62	237	290105	61.75	ng/ul	99

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

36) 2,4,6-Trichlorophenol	12.87	196	359010	68.88	ng/ul	98
37) 2,4,5-Trichlorophenol	12.94	196	390267	67.07	ng/ul	99
38) 1,1'-Biphenyl	13.28	154	1435899	76.86	ng/ul	92
39) 2-Chloronaphthalene	13.32	162	1113172	77.31	ng/ul	95
40) 2-Nitroaniline	13.53	65	362608	71.47	ng/ul	95
42) Dimethylphthalate	13.90	163	1344081	72.43	ng/ul	98
43) 2,6-Dinitrotoluene	14.03	165	306667	79.08	ng/ul	97
45) Acenaphthylene	14.17	152	1806715	73.87	ng/ul#	91
46) 3-Nitroaniline	14.35	138	306397	82.99	ng/ul	90
47) Acenaphthene	14.51	153	1256664	78.85	ng/ul	97
48) 2,4-Dinitrophenol	14.55	184	137737	70.61	ng/ul	96
50) 4-Nitrophenol	14.65	109	185862	43.90	ng/ul	97
51) Dibenzofuran	14.84	168	1615990	69.38	ng/ul	90
52) 2,4-Dinitrotoluene	14.81	165	434268	77.21	ng/ul	90
53) 2,3,4,6-Tetrachlorophenol	15.06	232	336734	57.84	ng/ul	97
54) Diethylphthalate	15.27	149	1388031	70.61	ng/ul	97
56) Fluorene	15.49	166	1422878	74.88	ng/ul	99
57) 4-Chlorophenyl-phenylether	15.48	204	676701	59.36	ng/ul	96
58) 4-Nitroaniline	15.52	138	415787	90.58	ng/ul	98
61) 4,6-Dinitro-2-methylphenol	15.57	198	238441	79.08	ng/ul	98
62) N-Nitrosodiphenylamine	15.70	169	1235472	78.41	ng/ul	96
63) 4-Bromophenyl-phenylether	16.37	248	422670	62.78	ng/ul	95
64) Hexachlorobenzene	16.49	284	479770	66.60	ng/ul	99
65) Atrazine	16.65	200	452487	72.44	ng/ul	98
66) Pentachlorophenol	16.83	266	282158	74.61	ng/ul	95
67) Phenanthrene	17.23	178	1992188	70.51	ng/ul#	90
69) Anthracene	17.32	178	2009595	69.40	ng/ul#	90
70) 1,2,3,4-Tetrachlorobenzene	13.24	216	522892	68.80	ng/ul	99
71) Pentachlorobenzene	14.76	250	510296	64.64	ng/ul	97
72) Carbazole	17.59	167	1979603	74.21	ng/ul#	89
73) Di-n-butylphthalate	18.15	149	2193377	71.80	ng/ul#	90
74) Fluoranthene	19.24	202	2157182	59.09	ng/ul#	86
77) Pyrene	19.61	202	2196351	69.53	ng/ul#	90
78) Butylbenzylphthalate	20.50	149	1146588	94.72	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.27	252	660701	66.69	ng/ul	97
80) Benzo(a)anthracene	21.34	228	2072270	64.18	ng/ul#	86
81) Bis(2-ethylhexyl)phthalate	21.27	149	1463739	89.88	ng/ul#	87
82) Chrysene	21.40	228	1956191	64.26	ng/ul#	86
84) Di-n-octyl phthalate	22.17	149	2334177	85.00	ng/ul	100
85) Benzo(b)fluoranthene	22.97	252	2246920	67.70	ng/ul	92
86) Benzo(k)fluoranthene	23.01	252	2116302	66.83	ng/ul#	90
88) Benzo(a)pyrene	23.57	252	2201064	69.46	ng/ul	93
89) Indeno(1,2,3-cd)pyrene	26.04	276	2738242	77.36	ng/ul	95
90) Dibenzo(a,h)anthracene	26.05	278	2276072	74.44	ng/ul	93
91) Benzo(g,h,i)perylene	26.77	276	2302696	78.65	ng/ul	98

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

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