

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123114\
 Data File : BG015834.D
 Acq On : 31 Dec 2014 21:21
 Operator : TP/IZ
 Sample : SSTD02087
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 01 00:57:48 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG123114.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 01 00:49:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	25583	20.00	ng/ul	0.00
16) Naphthalene-d8	10.52	136	94849	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.37	164	73347	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.11	188	178517	20.00	ng/ul	0.00
73) Chrysene-d12	21.29	240	272510	20.00	ng/ul	0.00
81) Perylene-d12	23.56	264	263417	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.91	99	41493	17.42	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.07	67	22399	16.90	ng/ul	0.00
7) 2-Chlorophenol-d4	7.27	132	30274	18.99	ng/ul	0.00
11) 4-Methylphenol-d8	8.44	113	32124	18.59	ng/ul	0.00
17) Nitrobenzene-d5	8.89	128	15015	19.62	ng/ul	0.00
20) 2-Nitrophenol-d4	9.60	143	17202	20.92	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.14	165	32789	20.89	ng/ul	0.00
27) 4-Chloroaniline-d4	10.65	131	37182	21.39	ng/ul	0.00
41) Dimethylphthalate-d6	13.78	166	104735	20.92	ng/ul	0.00
44) Acenaphthylene-d8	14.06	160	124715	20.31	ng/ul	0.00
49) 4-Nitrophenol-d4	14.58	143	17115	18.63	ng/ul	0.00
55) Fluorene-d10	15.36	176	97814	19.70	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.49	200	19202	18.83	ng/ul	0.00
68) Anthracene-d10	17.21	188	165616	20.07	ng/ul	0.00
74) Pyrene-d10	19.51	212	219835	19.96	ng/ul	0.00
85) Benzo(a)pyrene-d12	23.41	264	236471	19.87	ng/ul	0.00

Target Compounds

					Qvalue
2) Benzaldehyde	6.88	77	28868	18.51	ng/ul 100
4) Phenol	6.93	94	43558	17.36	ng/ul 100
6) Bis(2-Chloroethyl)ether	7.16	93	33643	18.20	ng/ul 100
8) 2-Chlorophenol	7.30	128	29142	18.75	ng/ul 100
9) 2-Methylphenol	8.18	108	31637	17.90	ng/ul 100
10) 2,2'-oxybis(1-Chloropropan	8.27	45	20455	15.37	ng/ul 100
12) Acetophenone	8.55	105	53709	18.56	ng/ul 100
13) N-Nitroso-di-n-propylamine	8.53	70	29129	18.35	ng/ul 100
14) 4-Methylphenol	8.50	108	34463	17.50	ng/ul 100
15) Hexachloroethane	8.80	117	17388	20.71	ng/ul 100
18) Nitrobenzene	8.93	77	45568	18.63	ng/ul 100
19) Isophorone	9.45	82	84105	20.14	ng/ul 100
21) 2-Nitrophenol	9.63	139	18917	21.07	ng/ul 100
22) 2,4-Dimethylphenol	9.70	107	48087	20.65	ng/ul 100
23) Bis(2-Chloroethoxy)methane	9.93	93	45045	19.62	ng/ul 100
25) 2,4-Dichlorophenol	10.16	162	32076	19.98	ng/ul 100
26) Naphthalene	10.56	128	90754	18.89	ng/ul 100
28) 4-Chloroaniline	10.68	127	37092	20.76	ng/ul 100
29) Hexachlorobutadiene	10.85	225	34819	22.53	ng/ul 100
30) Caprolactam	11.43	113	13522	20.33	ng/ul 100
31) 4-Chloro-3-methylphenol	11.81	107	43401	20.17	ng/ul 100
32) 2-Methylnaphthalene	12.18	142	71346	20.09	ng/ul 100
34) 1,2,4,5-Tetrachlorobenzene	12.55	216	54462	21.31	ng/ul 100
35) Hexachlorocyclopentadiene	12.53	237	33137	22.68	ng/ul 100

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

36) 2,4,6-Trichlorophenol	12.80	196	33356	21.40	ng/ul	100
37) 2,4,5-Trichlorophenol	12.87	196	33429	19.73	ng/ul	100
38) 1,1'-Biphenyl	13.20	154	101776	20.03	ng/ul	100
39) 2-Chloronaphthalene	13.24	162	80918	20.39	ng/ul	100
40) 2-Nitroaniline	13.45	65	26861	18.11	ng/ul	100
42) Dimethylphthalate	13.83	163	111650	21.30	ng/ul	100
43) 2,6-Dinitrotoluene	13.95	165	24142	21.07	ng/ul	100
45) Acenaphthylene	14.09	152	133713	20.11	ng/ul	100
46) 3-Nitroaniline	14.28	138	18758	18.49	ng/ul	100
47) Acenaphthene	14.43	153	84750	19.70	ng/ul	100
48) 2,4-Dinitrophenol	14.48	184	8486	14.62	ng/ul	100
50) 4-Nitrophenol	14.59	109	27651	20.03	ng/ul	100
51) Dibenzofuran	14.77	168	129278	19.99	ng/ul	100
52) 2,4-Dinitrotoluene	14.74	165	33589	20.46	ng/ul	100
53) 2,3,4,6-Tetrachlorophenol	14.99	232	37486	20.97	ng/ul	100
54) Diethylphthalate	15.19	149	119566	21.31	ng/ul	100
56) Fluorene	15.42	166	106163	20.38	ng/ul	100
57) 4-Chlorophenyl-phenylether	15.41	204	70196	20.88	ng/ul	100
58) 4-Nitroaniline	15.44	138	22686	18.60	ng/ul	100
61) 4,6-Dinitro-2-methylphenol	15.50	198	20747	19.32	ng/ul	100
62) N-Nitrosodiphenylamine	15.63	169	98170	19.59	ng/ul	100
63) 4-Bromophenyl-phenylether	16.30	248	48326	20.84	ng/ul	100
64) Hexachlorobenzene	16.41	284	57550	22.87	ng/ul	100
65) Atrazine	16.58	200	48310	22.40	ng/ul	100
66) Pentachlorophenol	16.77	266	27378	19.84	ng/ul	100
67) Phenanthrene	17.16	178	181729	20.11	ng/ul	100
69) Anthracene	17.24	178	187510	20.25	ng/ul	100
70) Carbazole	17.51	167	174913	20.56	ng/ul	100
71) Di-n-butylphthalate	18.08	149	210917	21.28	ng/ul	100
72) Fluoranthene	19.17	202	272583	21.95	ng/ul	100
75) Pyrene	19.53	202	296683	20.31	ng/ul	100
76) Butylbenzylphthalate	20.43	149	111291	20.17	ng/ul	100
77) 3,3'-Dichlorobenzidine	21.21	252	107833	21.49	ng/ul	100
78) Benzo(a)anthracene	21.28	228	318281	20.62	ng/ul	100
79) Bis(2-ethylhexyl)phthalate	21.20	149	163994	21.57	ng/ul	100
80) Chrysene	21.33	228	293002	20.26	ng/ul	100
82) Di-n-octyl phthalate	22.08	149	259921	20.47	ng/ul	100
83) Benzo(b)fluoranthene	22.87	252	314369	19.80	ng/ul	100
84) Benzo(k)fluoranthene	22.92	252	292323	19.64	ng/ul	100
86) Benzo(a)pyrene	23.46	252	293371	19.58	ng/ul	100
87) Indeno(1,2,3-cd)pyrene	25.86	276	322418	19.44	ng/ul	100
88) Dibenzo(a,h)anthracene	25.87	278	272580	19.00	ng/ul	100
89) Benzo(g,h,i)perylene	26.57	276	273114	19.80	ng/ul	100

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

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