

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123114\
 Data File : BG015832.D
 Acq On : 31 Dec 2014 20:12
 Operator : TP/IZ
 Sample : SSTD00585
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 01 01:24:36 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	26622	20.00	ng/ul	0.00
16) Naphthalene-d8	10.51	136	97261	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.37	164	70532	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.11	188	169378	20.00	ng/ul	0.00
73) Chrysene-d12	21.30	240	273611	20.00	ng/ul	0.00
81) Perylene-d12	23.56	264	259046	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.91	99	10727	4.33	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.06	67	5641	4.09	ng/ul	0.00
7) 2-Chlorophenol-d4	7.26	132	7377	4.45	ng/ul	0.00
11) 4-Methylphenol-d8	8.45	113	8631	4.80	ng/ul	0.00
17) Nitrobenzene-d5	8.88	128	3793	4.83	ng/ul	0.00
20) 2-Nitrophenol-d4	9.60	143	3924m	4.65	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.14	165	7477	4.65	ng/ul	0.00
27) 4-Chloroaniline-d4	10.65	131	8903	4.99	ng/ul	0.00
41) Dimethylphthalate-d6	13.77	166	22744	4.72	ng/ul	0.00
44) Acenaphthylene-d8	14.06	160	28818	4.88	ng/ul	0.00
49) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
55) Fluorene-d10	15.36	176	23225	4.87	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
68) Anthracene-d10	17.21	188	38028	4.86	ng/ul	0.00
74) Pyrene-d10	19.50	212	49931	4.52	ng/ul	0.00
85) Benzo(a)pyrene-d12	23.42	264	54605	4.67	ng/ul	0.00

Target Compounds

					Qvalue
2) Benzaldehyde	6.87	77	7724	4.76	ng/ul 90
4) Phenol	6.93	94	11562	4.43	ng/ul 95
6) Bis(2-Chloroethyl)ether	7.16	93	7528	3.91	ng/ul# 80
8) 2-Chlorophenol	7.29	128	7265	4.49	ng/ul 94
9) 2-Methylphenol	8.18	108	7839	4.26	ng/ul 90
10) 2,2'-oxybis(1-Chloropropan	8.27	45	5735m	4.14	ng/ul
12) Acetophenone	8.55	105	13258	4.40	ng/ul 84
13) N-Nitroso-di-n-propylamine	8.53	70	7257	4.39	ng/ul# 88
14) 4-Methylphenol	8.50	108	8134	3.97	ng/ul 97
15) Hexachloroethane	8.80	117	4287	4.91	ng/ul 96
18) Nitrobenzene	8.93	77	11290	4.50	ng/ul 98
19) Isophorone	9.44	82	20180	4.71	ng/ul# 96
21) 2-Nitrophenol	9.63	139	4423	4.80	ng/ul# 78
22) 2,4-Dimethylphenol	9.70	107	11054	4.63	ng/ul 90
23) Bis(2-Chloroethoxy)methane	9.93	93	10265	4.36	ng/ul# 95
25) 2,4-Dichlorophenol	10.17	162	7086	4.30	ng/ul# 82
26) Naphthalene	10.56	128	22227	4.51	ng/ul# 92
28) 4-Chloroaniline	10.68	127	8796	4.80	ng/ul# 74
29) Hexachlorobutadiene	10.85	225	8573	5.41	ng/ul# 84
30) Caprolactam	11.42	113	3427m	5.02	ng/ul
31) 4-Chloro-3-methylphenol	11.81	107	9821	4.45	ng/ul# 87
32) 2-Methylnaphthalene	12.18	142	16760	4.60	ng/ul 93
34) 1,2,4,5-Tetrachlorobenzene	12.55	216	13094	5.33	ng/ul 96
35) Hexachlorocyclopentadiene	12.53	237	8221	5.85	ng/ul# 80

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

36) 2,4,6-Trichlorophenol	12.79	196	7247	4.84	ng/ul#	90
37) 2,4,5-Trichlorophenol	12.86	196	7733	4.75	ng/ul#	79
38) 1,1'-Biphenyl	13.20	154	24551	5.02	ng/ul	97
39) 2-Chloronaphthalene	13.24	162	18539	4.86	ng/ul	95
42) Dimethylphthalate	13.83	163	25151	4.99	ng/ul	99
43) 2,6-Dinitrotoluene	13.95	165	5770	5.24	ng/ul	92
45) Acenaphthylene	14.09	152	30735	4.81	ng/ul	96
47) Acenaphthene	14.43	153	20499	4.95	ng/ul	94
51) Dibenzofuran	14.77	168	29068	4.67	ng/ul	95
52) 2,4-Dinitrotoluene	14.74	165	7250	4.59	ng/ul#	93
53) 2,3,4,6-Tetrachlorophenol	15.00	232	8529	4.96	ng/ul#	87
54) Diethylphthalate	15.19	149	26860	4.98	ng/ul#	94
56) Fluorene	15.41	166	23553	4.70	ng/ul	88
57) 4-Chlorophenyl-phenylether	15.41	204	16768	5.19	ng/ul#	92
62) N-Nitrosodiphenylamine	15.63	169	22638	4.76	ng/ul	98
63) 4-Bromophenyl-phenylether	16.30	248	10412	4.73	ng/ul#	83
64) Hexachlorobenzene	16.41	284	12021	5.03	ng/ul#	74
65) Atrazine	16.58	200	10903	5.33	ng/ul	96
67) Phenanthrene	17.15	178	40152	4.68	ng/ul#	93
69) Anthracene	17.24	178	41176	4.69	ng/ul	99
70) Carbazole	17.52	167	38902	4.82	ng/ul	98
71) Di-n-butylphthalate	18.08	149	48801	5.19	ng/ul#	95
72) Fluoranthene	19.17	202	61060	5.18	ng/ul	98
75) Pyrene	19.53	202	66881	4.56	ng/ul	98
76) Butylbenzylphthalate	20.43	149	26593	4.80	ng/ul	95
77) 3,3'-Dichlorobenzidine	21.21	252	27609	5.48	ng/ul#	99
78) Benzo(a)anthracene	21.28	228	74627	4.82	ng/ul	97
79) Bis(2-ethylhexyl)phthalate	21.21	149	42165	5.52	ng/ul#	96
80) Chrysene	21.33	228	71465	4.92	ng/ul	96
82) Di-n-octyl phthalate	22.09	149	66171	5.30	ng/ul	100
83) Benzo(b)fluoranthene	22.88	252	73424	4.70	ng/ul#	97
84) Benzo(k)fluoranthene	22.92	252	72630	4.96	ng/ul#	95
86) Benzo(a)pyrene	23.46	252	67408	4.58	ng/ul	97
87) Indeno(1,2,3-cd)pyrene	25.86	276	77015	4.72	ng/ul#	96
88) Dibenzo(a,h)anthracene	25.87	278	64940	4.60	ng/ul#	89
89) Benzo(g,h,i)perylene	26.57	276	65010	4.79	ng/ul#	91

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

