

Data Path : Z:\HPCHEM1\BNA_G\Data\BG022515\
 Data File : BG016044.D
 Acq On : 25 Feb 2015 19:51
 Operator : TP/IZ
 Sample : SSTD02012
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02012

Quant Time: Feb 26 01:34:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 26 00:35:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	93655	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	436535	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	259074	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	516813	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	503726	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	498627	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.98	99	174505	19.59	ng/ul	0.02
5) Bis-(2-Chloroethyl)ether-d	7.15	67	96139	18.27	ng/ul	0.00
7) 2-Chlorophenol-d4	7.35	132	133796	20.30	ng/ul	0.00
11) 4-Methylphenol-d8	8.51	113	132470	20.09	ng/ul	0.00
17) Nitrobenzene-d5	8.97	128	60572	19.63	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	54218	19.05	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.22	165	121908	19.75	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	182436	26.82	ng/ul	0.00
41) Dimethylphthalate-d6	13.85	166	330648	19.09	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	473133	19.30	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	63138	18.13	ng/ul	0.00
55) Fluorene-d10	15.43	176	327800	18.83	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	29714	14.91	ng/ul	0.00
68) Anthracene-d10	17.27	188	474080	19.34	ng/ul	0.00
76) Pyrene-d10	19.56	212	467113	19.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	440766	19.49	ng/ul	0.00

Target Compounds

						Qvalue
2) Benzaldehyde	6.96	77	109483	19.44	ng/ul	95
4) Phenol	7.00	94	180655	19.23	ng/ul	99
6) Bis(2-Chloroethyl)ether	7.24	93	138001	18.69	ng/ul	98
8) 2-Chlorophenol	7.37	128	131287	19.83	ng/ul	95
9) 2-Methylphenol	8.24	108	133297	19.94	ng/ul	99
10) 2,2'-oxybis(1-Chloropropan	8.34	45	166811	17.77	ng/ul	98
12) Acetophenone	8.63	105	192442	19.27	ng/ul	99
13) N-Nitroso-di-n-propylamine	8.61	70	107857	19.16	ng/ul	99
14) 4-Methylphenol	8.57	108	146842	19.87	ng/ul	98
15) Hexachloroethane	8.88	117	50893	19.38	ng/ul	97
18) Nitrobenzene	9.01	77	137933	19.11	ng/ul	99
19) Isophorone	9.52	82	296701	18.87	ng/ul	98
21) 2-Nitrophenol	9.71	139	60835	18.97	ng/ul	97
22) 2,4-Dimethylphenol	9.77	107	146704	19.03	ng/ul	98
23) Bis(2-Chloroethoxy)methane	10.01	93	178417	18.20	ng/ul	97
25) 2,4-Dichlorophenol	10.24	162	119635	19.77	ng/ul	95
26) Naphthalene	10.65	128	443335	19.03	ng/ul	99
28) 4-Chloroaniline	10.76	127	170644	25.76	ng/ul	99
29) Hexachlorobutadiene	10.93	225	63374	18.71	ng/ul	96
30) Caprolactam	11.50	113	56160	20.00	ng/ul	99
31) 4-Chloro-3-methylphenol	11.87	107	130695	18.92	ng/ul	91
32) 2-Methylnaphthalene	12.26	142	314296	19.21	ng/ul	99
34) 1,2,4,5-Tetrachlorobenzene	12.63	216	134473	19.31	ng/ul	98
35) Hexachlorocyclopentadiene	12.61	237	56559	18.34	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2,4,6-Trichlorophenol	12.87	196	81686	20.48	ng/ul	94
37) 2,4,5-Trichlorophenol	12.93	196	86011	19.29	ng/ul	94
38) 1,1'-Biphenyl	13.27	154	382443	19.08	ng/ul	99
39) 2-Chloronaphthalene	13.31	162	287914	19.11	ng/ul	99
40) 2-Nitroaniline	13.51	65	68492	17.87	ng/ul	92
42) Dimethylphthalate	13.90	163	344971	19.11	ng/ul	99
43) 2,6-Dinitrotoluene	14.01	165	61176	19.61	ng/ul	94
45) Acenaphthylene	14.16	152	503176	19.37	ng/ul	99
46) 3-Nitroaniline	14.34	138	78229	22.37	ng/ul	99
47) Acenaphthene	14.50	153	326766	18.95	ng/ul	99
48) 2,4-Dinitrophenol	14.54	184	14228	12.49	ng/ul	98
50) 4-Nitrophenol	14.64	109	34108	16.94	ng/ul	90
51) Dibenzofuran	14.84	168	437569	18.95	ng/ul	99
52) 2,4-Dinitrotoluene	14.80	165	84730	18.97	ng/ul	98
53) 2,3,4,6-Tetrachlorophenol	15.06	232	71400	19.91	ng/ul	99
54) Diethylphthalate	15.26	149	346602	18.94	ng/ul	98
56) Fluorene	15.48	166	380565	18.89	ng/ul	99
57) 4-Chlorophenyl-phenylether	15.48	204	169715	18.66	ng/ul	99
58) 4-Nitroaniline	15.50	138	91104	19.10	ng/ul	95
61) 4,6-Dinitro-2-methylphenol	15.56	198	32480	15.20	ng/ul#	98
62) N-Nitrosodiphenylamine	15.69	169	321365	19.91	ng/ul	99
63) 4-Bromophenyl-phenylether	16.37	248	103282	19.48	ng/ul	97
64) Hexachlorobenzene	16.48	284	115045	19.15	ng/ul	98
65) Atrazine	16.64	200	105157	20.22	ng/ul	98
66) Pentachlorophenol	16.83	266	49378	19.52	ng/ul	97
67) Phenanthrene	17.22	178	547887	19.06	ng/ul	99
69) Anthracene	17.31	178	564963	19.26	ng/ul	100
70) 1,2,3,4-Tetrachlorobenzene	13.24	216	132278	20.13	ng/ul	98
71) Pentachlorobenzene	14.75	250	127163	19.75	ng/ul	99
72) Carbazole	17.58	167	524355	18.94	ng/ul	99
73) Di-n-butylphthalate	18.14	149	613733	20.75	ng/ul	99
74) Fluoranthene	19.23	202	584317	18.58	ng/ul	98
77) Pyrene	19.59	202	609504	19.89	ng/ul	97
78) Butylbenzylphthalate	20.49	149	260720	21.73	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.27	252	178774	25.87	ng/ul	99
80) Benzo(a)anthracene	21.33	228	555746	19.84	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.26	149	369513	23.48	ng/ul	97
82) Chrysene	21.39	228	517333	19.38	ng/ul	98
84) Di-n-octyl phthalate	22.15	149	607172	23.02	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	533893	19.20	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	541325	19.38	ng/ul	100
88) Benzo(a)pyrene	23.55	252	532062	19.26	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.00	276	624632	19.44	ng/ul	98
90) Dibenzo(a,h)anthracene	26.02	278	528058	19.66	ng/ul	99
91) Benzo(g,h,i)perylene	26.73	276	521546	19.43	ng/ul	99

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

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