

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012915\
 Data File : BM000389.D
 Acq On : 29 Jan 2015 17:13
 Operator : TP/IZ
 Sample : SSTD00557
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 14:54:54 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 30 14:42:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	229645	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	978852	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	753474	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1673781	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	1824780	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	1481635	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	5881	1.90	ng/uL	0.00
5) Phenol-d5	6.92	99	70938	4.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	49659	4.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	59868	4.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	61985	4.44	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	30273	4.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	29632	4.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	68669	4.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	84460	4.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	269830	4.78	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	311904	4.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	35848	4.17	ng/ul	-0.01
57) Fluorene-d10	15.39	176	239868	4.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	36121	3.95	ng/ul	0.00
70) Anthracene-d10	17.24	188	370826	4.78	ng/ul	0.00
76) Pyrene-d10	19.54	212	425482	4.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	329899	4.67	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	9723	2.24	ng/uL#	75
4) Benzaldehyde	6.89	77	55367	5.19	ng/ul	90
6) Phenol	6.94	94	72134	4.37	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.17	93	60987	4.69	ng/ul	97
10) 2-Chlorophenol	7.32	128	61176	4.46	ng/ul#	90
11) 2-Methylphenol	8.19	108	56899	4.19	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.29	45	131463	4.86	ng/ul	99
14) Acetophenone	8.57	105	115347	4.70	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.56	70	53430	4.43	ng/ul	98
16) 4-Methylphenol	8.52	108	63743	4.34	ng/ul	98
17) Hexachloroethane	8.83	117	31604	4.76	ng/ul	90
20) Nitrobenzene	8.95	77	86720	4.57	ng/ul	99
21) Isophorone	9.47	82	153708	4.56	ng/ul	99
23) 2-Nitrophenol	9.66	139	35276	4.61	ng/ul	86
24) 2,4-Dimethylphenol	9.72	107	90790	4.57	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.96	93	88957	4.88	ng/ul	97
27) 2,4-Dichlorophenol	10.19	162	69906	4.55	ng/ul	95
28) Naphthalene	10.60	128	237554	4.86	ng/ul	98
30) 4-Chloroaniline	10.70	127	88861	4.68	ng/ul	96
31) Hexachlorobutadiene	10.88	225	60268	4.84	ng/ul	92
32) Caprolactam	11.46	113	17351	4.09	ng/ul	84
33) 4-Chloro-3-methylphenol	11.83	107	83151	4.50	ng/ul	98
34) 2-Methylnaphthalene	12.21	142	184105	4.84	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	106664	4.72	ng/ul	97
37) Hexachlorocyclopentadiene	12.56	237	60054	4.28	ng/ul	95
38) 2,4,6-Trichlorophenol	12.82	196	61570	4.47	ng/ul	94
39) 2,4,5-Trichlorophenol	12.89	196	67255	4.44	ng/ul	94
40) 1,1'-Biphenyl	13.23	154	261283	4.78	ng/ul	97
41) 2-Chloronaphthalene	13.27	162	207604	4.88	ng/ul	99
42) 2-Nitroaniline	13.48	65	50245	3.70	ng/ul	91
44) Dimethylphthalate	13.86	163	273778	4.81	ng/ul	98
45) 2,6-Dinitrotoluene	13.98	165	42054	4.04	ng/ul	96
47) Acenaphthylene	14.12	152	327921	4.78	ng/ul	97
48) 3-Nitroaniline	14.30	138	40515	4.01	ng/ul	91
49) Acenaphthene	14.46	153	213881	4.82	ng/ul	98
50) 2,4-Dinitrophenol	14.51	184	18967	3.40	ng/ul	94
52) 4-Nitrophenol	14.61	109	60499	4.27	ng/ul	99
53) Dibenzofuran	14.80	168	319251	4.82	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	69159	4.34	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.03	232	59280	4.42	ng/ul	95
56) Diethylphthalate	15.22	149	277891	4.63	ng/ul	98
58) Fluorene	15.45	166	263219	4.76	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.44	204	139605	4.78	ng/ul	97
60) 4-Nitroaniline	15.47	138	44746	4.14	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.53	198	39303	4.22	ng/ul#	100
64) N-Nitrosodiphenylamine	15.66	169	224214	4.79	ng/ul	98
65) 4-Bromophenyl-phenylether	16.34	248	84687	4.74	ng/ul	94
66) Hexachlorobenzene	16.46	284	100125	4.87	ng/ul	96
67) Atrazine	16.61	200	87872	4.64	ng/ul	95
68) Pentachlorophenol	16.80	266	46551	4.04	ng/ul	93
69) Phenanthrene	17.19	178	440646	4.82	ng/ul	97
71) Anthracene	17.28	178	450857	4.90	ng/ul	99
72) Carbazole	17.55	167	378854	4.80	ng/ul	99
73) Di-n-butylphthalate	18.12	149	432476	4.60	ng/ul	99
74) Fluoranthene	19.21	202	526849	4.96	ng/ul	99
77) Pyrene	19.57	202	548030	4.50	ng/ul	97
78) Butylbenzylphthalate	20.47	149	172293	3.95	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.26	252	139096	4.26	ng/ul	97
80) Benzo(a)anthracene	21.33	228	514162	4.78	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.26	149	248251	4.02	ng/ul	96
82) Chrysene	21.38	228	482846	4.83	ng/ul	98
84) Di-n-octyl phthalate	22.14	149	402901	4.06	ng/ul	100
85) Benzo(b)fluoranthene	22.92	252	440684	4.64	ng/ul	100
86) Benzo(k)fluoranthene	22.96	252	434918	4.69	ng/ul	99
88) Benzo(a)pyrene	23.50	252	400900	4.64	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.89	276	389866	4.51	ng/ul	98
90) Dibenzo(a,h)anthracene	25.89	278	322716	4.48	ng/ul	98
91) Benzo(g,h,i)perylene	26.58	276	321704	4.49	ng/ul	98

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

