

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071615\
 Data File : BM001966.D
 Acq On : 17 Jul 2015 03:10
 Operator : TP/UM
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02056

Quant Time: Jul 17 04:18:02 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 17 01:40:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	87807	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	373297	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	239471	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	542520	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	564907	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	429669	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	13160	7.33	ng/uL	0.00
5) Phenol-d5	6.82	99	136776	19.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	74774	19.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	110628	19.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	115228	19.57	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	54377	19.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	62049	20.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	126556	20.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	139928	21.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	368095	19.06	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	451068	19.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	60070	18.36	ng/ul	0.00
57) Fluorene-d10	15.30	176	320188	19.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	51344	14.62	ng/ul	0.00
70) Anthracene-d10	17.16	188	491462	19.30	ng/ul	0.00
78) Pyrene-d10	19.46	212	535030	20.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	426479	19.63	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	14098	7.44	ng/uL	98
4) Benzaldehyde	6.80	77	57857	16.70	ng/ul	98
6) Phenol	6.85	94	141797	19.16	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.08	93	105567	19.35	ng/ul	97
10) 2-Chlorophenol	7.22	128	112687	19.50	ng/ul	98
11) 2-Methylphenol	8.09	108	108970	19.33	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	124321	19.52	ng/ul	98
14) Acetophenone	8.47	105	180083	19.36	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	91731	19.21	ng/ul	99
16) 4-Methylphenol	8.42	108	121102	19.63	ng/ul	100
17) Hexachloroethane	8.72	117	44316	19.21	ng/ul	91
20) Nitrobenzene	8.85	77	131650	19.17	ng/ul	98
21) Isophorone	9.37	82	246030	19.18	ng/ul	99
23) 2-Nitrophenol	9.56	139	66856	19.85	ng/ul	99
24) 2,4-Dimethylphenol	9.62	107	139175	19.45	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	146906	19.08	ng/ul	98
27) 2,4-Dichlorophenol	10.09	162	121708	19.96	ng/ul	98
28) Naphthalene	10.49	128	366916	19.47	ng/ul	99
30) 4-Chloroaniline	10.60	127	143982	21.68	ng/ul	97
31) Hexachlorobutadiene	10.77	225	86924	19.88	ng/ul	97
32) Caprolactam	11.37	113	57025	19.79	ng/ul	92
33) 4-Chloro-3-methylphenol	11.74	107	131244	19.62	ng/ul	100
34) 2-Methylnaphthalene	12.11	142	274507	19.56	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	167021	19.53	ng/ul	97
37) Hexachlorocyclopentadiene	12.46	237	73191	14.89	ng/ul	97
38) 2,4,6-Trichlorophenol	12.73	196	104761	19.58	ng/ul	97
39) 2,4,5-Trichlorophenol	12.80	196	113509	19.47	ng/ul	99
40) 1,1'-Biphenyl	13.13	154	371659	19.33	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	293261	19.59	ng/ul	99
42) 2-Nitroaniline	13.39	65	81216	19.25	ng/ul	93
44) Dimethylphthalate	13.77	163	373402	19.01	ng/ul	98
45) 2,6-Dinitrotoluene	13.89	165	79532	19.66	ng/ul	98
47) Acenaphthylene	14.03	152	457222	19.29	ng/ul	100
48) 3-Nitroaniline	14.22	138	70461	19.71	ng/ul	94
49) Acenaphthene	14.37	153	306281	19.27	ng/ul	100
50) 2,4-Dinitrophenol	14.43	184	29668	12.16	ng/ul	98
52) 4-Nitrophenol	14.53	109	54652	18.13	ng/ul	96
53) Dibenzofuran	14.71	168	444059	19.45	ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	113269	19.29	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	14.93	232	101872	19.76	ng/ul	98
56) Diethylphthalate	15.14	149	363886	18.69	ng/ul	99
58) Fluorene	15.36	166	367751	19.21	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	201056	19.38	ng/ul	100
60) 4-Nitroaniline	15.39	138	68567	18.22	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.44	198	53831	14.44	ng/ul	94
64) N-Nitrosodiphenylamine	15.57	169	316980	19.56	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	121818	19.64	ng/ul	98
66) Hexachlorobenzene	16.36	284	133965	19.51	ng/ul	96
67) Atrazine	16.53	200	125800	19.67	ng/ul	99
68) Pentachlorophenol	16.71	266	75033	17.72	ng/ul	99
69) Phenanthrene	17.10	178	560937	19.08	ng/ul	100
71) Anthracene	17.19	178	583782	19.25	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	167532	20.16	ng/uL	99
73) Pentachlorobenzene	14.63	250	160245	19.80	ng/uL	98
74) Carbazole	17.46	167	506382	19.38	ng/ul	99
75) Di-n-butylphthalate	18.02	149	602682	19.11	ng/ul	100
76) Fluoranthene	19.12	202	666064	19.39	ng/ul	99
79) Pyrene	19.49	202	692292	20.48	ng/ul	100
80) Butylbenzylphthalate	20.39	149	265518	20.66	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.17	252	177356	16.93	ng/ul	99
82) Benzo(a)anthracene	21.23	228	646712	19.24	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	383442	20.35	ng/ul	100
84) Chrysene	21.29	228	593787	18.86	ng/ul	99
86) Di-n-octyl phthalate	22.03	149	629625	23.53	ng/ul	100
87) Benzo(b)fluoranthene	22.80	252	550049	20.89	ng/ul	99
88) Benzo(k)fluoranthene	22.85	252	499984	19.75	ng/ul	100
90) Benzo(a)pyrene	23.37	252	483771	19.56	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.71	276	497015	19.14	ng/ul	99
92) Dibenzo(a,h)anthracene	25.72	278	423442	19.28	ng/ul	99
93) Benzo(g,h,i)perylene	26.40	276	409102	19.17	ng/ul	97

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

