

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072115\
 Data File : BM002000.D
 Acq On : 21 Jul 2015 23:45
 Operator : TP/UM
 Sample : SSTD04063
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04063

Quant Time: Jul 22 01:15:13 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 22 00:57:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	97043	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	241340	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	142264	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	315252	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	440303	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	337038	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	29871	14.84	ng/uL	0.00
5) Phenol-d5	6.79	99	273579	34.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	173895	39.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	257475	41.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	245134	38.48	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	88741	50.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	83326	42.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	163073	41.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	184755	45.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	439536	38.88	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	555979	40.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	73969	38.97	ng/ul	0.00
57) Fluorene-d10	15.28	176	389993	39.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	82195	41.55	ng/ul	0.00
70) Anthracene-d10	17.13	188	593141	40.81	ng/ul	0.00
78) Pyrene-d10	19.43	212	655407	33.92	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	706017	41.51	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	31097	14.47	ng/uL	97
4) Benzaldehyde	6.77	77	164168	43.17	ng/ul	96
6) Phenol	6.82	94	289294	35.46	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.05	93	245293	40.98	ng/ul	97
10) 2-Chlorophenol	7.19	128	262260	41.20	ng/ul	99
11) 2-Methylphenol	8.07	108	239666	38.98	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	253348	37.45	ng/ul	96
14) Acetophenone	8.45	105	382888	37.98	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.43	70	187037	36.77	ng/ul	98
16) 4-Methylphenol	8.40	108	258657	38.48	ng/ul	97
17) Hexachloroethane	8.69	117	96628	38.30	ng/ul	96
20) Nitrobenzene	8.83	77	166524	38.11	ng/ul	97
21) Isophorone	9.35	82	291991	36.90	ng/ul	99
23) 2-Nitrophenol	9.53	139	90956	43.07	ng/ul	97
24) 2,4-Dimethylphenol	9.59	107	176518	39.01	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	183554	36.73	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	156807	40.59	ng/ul	99
28) Naphthalene	10.46	128	488788	40.65	ng/ul	98
30) 4-Chloroaniline	10.58	127	189131	44.56	ng/ul	100
31) Hexachlorobutadiene	10.74	225	116699	41.57	ng/ul	97
32) Caprolactam	11.35	113	64491	36.81	ng/ul	97
33) 4-Chloro-3-methylphenol	11.71	107	159449	38.07	ng/ul	95
34) 2-Methylnaphthalene	12.08	142	356030	39.69	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	213352	39.76	ng/ul	98
37) Hexachlorocyclopentadiene	12.43	237	118737	39.71	ng/ul	99
38) 2,4,6-Trichlorophenol	12.70	196	129763	40.48	ng/ul	100
39) 2,4,5-Trichlorophenol	12.77	196	139099	40.72	ng/ul	100
40) 1,1'-Biphenyl	13.11	154	469072	40.82	ng/ul	99
41) 2-Chloronaphthalene	13.15	162	366280	40.97	ng/ul	100
42) 2-Nitroaniline	13.37	65	89006	36.96	ng/ul	97
44) Dimethylphthalate	13.74	163	450303	38.88	ng/ul	99
45) 2,6-Dinitrotoluene	13.87	165	92071	39.50	ng/ul	98
47) Acenaphthylene	14.00	152	570281	40.70	ng/ul	98
48) 3-Nitroaniline	14.20	138	90840	43.21	ng/ul	95
49) Acenaphthene	14.34	153	378651	39.84	ng/ul	98
50) 2,4-Dinitrophenol	14.41	184	54655	39.21	ng/ul	97
52) 4-Nitrophenol	14.51	109	65580	37.79	ng/ul	94
53) Dibenzofuran	14.69	168	534634	39.62	ng/ul	98
54) 2,4-Dinitrotoluene	14.66	165	134838	39.64	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.91	232	122492	40.47	ng/ul	97
56) Diethylphthalate	15.12	149	433608	37.86	ng/ul	99
58) Fluorene	15.33	166	447211	39.25	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.33	204	242921	39.26	ng/ul	99
60) 4-Nitroaniline	15.37	138	95199	43.19	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.43	198	88128	41.79	ng/ul#	96
64) N-Nitrosodiphenylamine	15.55	169	379089	40.31	ng/ul	99
65) 4-Bromophenyl-phenylether	16.23	248	147320	41.36	ng/ul	97
66) Hexachlorobenzene	16.33	284	159468	40.49	ng/ul	98
67) Atrazine	16.50	200	144478	40.27	ng/ul	99
68) Pentachlorophenol	16.69	266	91931	38.93	ng/ul	99
69) Phenanthrene	17.07	178	684737	40.38	ng/ul	99
71) Anthracene	17.16	178	709373	39.97	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	208977	43.04	ng/uL	99
73) Pentachlorobenzene	14.60	250	196933	41.47	ng/uL	99
74) Carbazole	17.44	167	615658	41.38	ng/ul	99
75) Di-n-butylphthalate	18.00	149	762970	44.66	ng/ul	100
76) Fluoranthene	19.10	202	817640	43.13	ng/ul	98
79) Pyrene	19.46	202	847687	33.45	ng/ul	100
80) Butylbenzylphthalate	20.36	149	315107	32.21	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.15	252	313500	37.78	ng/ul	98
82) Benzo(a)anthracene	21.21	228	1063112	40.48	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	466094	31.88	ng/ul	99
84) Chrysene	21.26	228	995928	39.38	ng/ul	100
86) Di-n-octyl phthalate	22.01	149	781158	35.06	ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	837353	36.96	ng/ul	99
88) Benzo(k)fluoranthene	22.81	252	826501	38.81	ng/ul	99
90) Benzo(a)pyrene	23.34	252	799638	41.18	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.66	276	922635	44.27	ng/ul	98
92) Dibenzo(a,h)anthracene	25.67	278	788682	44.68	ng/ul	99
93) Benzo(g,h,i)perylene	26.34	276	766981	44.51	ng/ul	98

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

