

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070815\
 Data File : BM001879.D
 Acq On : 08 Jul 2015 13:14
 Operator : TP/UM
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02025

Quant Time: Jul 09 04:03:47 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 09 04:02:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	71923	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	274576	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	157331	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	349825	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	414738	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	428492	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	11660	7.73	ng/uL	0.00
5) Phenol-d5	6.83	99	104848	18.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	57753	18.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	87342	19.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	84255	19.00	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	39674	20.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	45751	22.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	89915	20.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	106931	23.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	219394	18.81	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	297445	19.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	40647	18.88	ng/ul	0.00
57) Fluorene-d10	15.32	176	204769	18.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	41858	19.59	ng/ul	0.00
70) Anthracene-d10	17.17	188	314162	19.28	ng/ul	0.00
78) Pyrene-d10	19.47	212	347563	19.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	372980	19.75	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.18	88	11968	6.95 ng/uL	98
4) Benzaldehyde	6.81	77	71807	19.88 ng/ul	96
6) Phenol	6.86	94	108860	19.09 ng/ul	96
8) Bis(2-Chloroethyl)ether	7.10	93	80713	18.85 ng/ul	98
10) 2-Chlorophenol	7.23	128	86742	19.18 ng/ul	98
11) 2-Methylphenol	8.11	108	80537	19.08 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	92348	17.61 ng/ul	96
14) Acetophenone	8.49	105	132069	18.76 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.47	70	65929	19.17 ng/ul	95
16) 4-Methylphenol	8.44	108	86778	18.92 ng/ul	99
17) Hexachloroethane	8.73	117	35075	19.31 ng/ul	99
20) Nitrobenzene	8.87	77	98661	19.17 ng/ul	98
21) Isophorone	9.39	82	171749	19.98 ng/ul	99
23) 2-Nitrophenol	9.57	139	48678	21.38 ng/ul	95
24) 2,4-Dimethylphenol	9.63	107	99282	18.87 ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.87	93	101887	19.00 ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	83678	19.39 ng/ul	94
28) Naphthalene	10.50	128	262810	18.96 ng/ul	100
30) 4-Chloroaniline	10.62	127	106914	23.27 ng/ul	100
31) Hexachlorobutadiene	10.78	225	63702	19.27 ng/ul	95
32) Caprolactam	11.38	113	25254	19.59 ng/ul	79
33) 4-Chloro-3-methylphenol	11.75	107	87538	19.06 ng/ul	91
34) 2-Methylnaphthalene	12.13	142	188454	18.80 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	113234	19.26	ng/ul	97
37) Hexachlorocyclopentadiene	12.47	237	62332	17.54	ng/ul	97
38) 2,4,6-Trichlorophenol	12.75	196	70673	20.66	ng/ul	99
39) 2,4,5-Trichlorophenol	12.82	196	74793	19.98	ng/ul	99
40) 1,1'-Biphenyl	13.15	154	244369	19.03	ng/ul	98
41) 2-Chloronaphthalene	13.19	162	194058	19.28	ng/ul	96
42) 2-Nitroaniline	13.40	65	53679	20.11	ng/ul	91
44) Dimethylphthalate	13.78	163	236352	18.53	ng/ul	100
45) 2,6-Dinitrotoluene	13.91	165	50516	21.07	ng/ul	95
47) Acenaphthylene	14.05	152	296743	19.03	ng/ul	98
48) 3-Nitroaniline	14.23	138	51474	22.98	ng/ul	96
49) Acenaphthene	14.39	153	198412	19.04	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	28219	18.99	ng/ul	94
52) 4-Nitrophenol	14.55	109	38434	17.28	ng/ul	96
53) Dibenzofuran	14.72	168	282349	18.92	ng/ul	99
54) 2,4-Dinitrotoluene	14.70	165	71669	20.28	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.95	232	64237	19.85	ng/ul	99
56) Diethylphthalate	15.15	149	230834	19.04	ng/ul	98
58) Fluorene	15.37	166	233734	18.82	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	125526	18.75	ng/ul	98
60) 4-Nitroaniline	15.40	138	53077	20.88	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.46	198	43428	19.08	ng/ul	99
64) N-Nitrosodiphenylamine	15.59	169	199402	19.51	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	76145	19.52	ng/ul	92
66) Hexachlorobenzene	16.37	284	83739	19.11	ng/ul	97
67) Atrazine	16.54	200	79168	19.23	ng/ul	96
68) Pentachlorophenol	16.72	266	49174	18.30	ng/ul	99
69) Phenanthrene	17.11	178	357136	18.83	ng/ul	99
71) Anthracene	17.20	178	371791	19.09	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	107276	19.51	ng/uL	95
73) Pentachlorobenzene	14.64	250	99970	19.28	ng/uL	98
74) Carbazole	17.47	167	323924	18.96	ng/ul	100
75) Di-n-butylphthalate	18.04	149	374241	20.50	ng/ul	99
76) Fluoranthene	19.13	202	435256	19.18	ng/ul	100
79) Pyrene	19.50	202	452639	19.67	ng/ul	99
80) Butylbenzylphthalate	20.40	149	174023	23.18	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.19	252	171489	23.27	ng/ul	98
82) Benzo(a)anthracene	21.25	228	474959	19.60	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.18	149	257469	22.81	ng/ul	98
84) Chrysene	21.30	228	439064	19.12	ng/ul	100
86) Di-n-octyl phthalate	22.05	149	449022	21.32	ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	498006	19.97	ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	443927	18.42	ng/ul	99
90) Benzo(a)pyrene	23.40	252	470489	19.39	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.74	276	547121	19.01	ng/ul	98
92) Dibenzo(a,h)anthracene	25.76	278	467459	19.26	ng/ul	100
93) Benzo(g,h,i)perylene	26.44	276	466736	19.29	ng/ul	99

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

