

Data Path : S:\HPCHEM1\BNA_M\DATA\BM061015\
 Data File : BM001626.D
 Acq On : 10 Jun 2015 10:39
 Operator : TP/IZ
 Sample : SSTD01080
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01080

Quant Time: Jun 10 12:33:52 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM061015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 10 12:17:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	91480	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	326962	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	172949	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	381381	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	460204	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	468831	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	7956	4.05	ng/uL	0.00
5) Phenol-d5	6.85	99	62776	8.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	37169	8.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	50966	8.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	46577	8.27	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	20779	9.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	21980	8.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	48801	10.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	48990	10.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	114729	9.96	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	156480	9.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	17315	7.73	ng/ul	0.00
57) Fluorene-d10	15.33	176	111055	9.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	16110	7.78	ng/ul	0.00
70) Anthracene-d10	17.18	188	161065	9.33	ng/ul	0.00
76) Pyrene-d10	19.48	212	179698	8.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	187436	8.93	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	8982	4.42	ng/uL#	81
4) Benzaldehyde	6.83	77	32938	7.20	ng/ul	91
6) Phenol	6.87	94	65506	8.68	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.12	93	51336	8.53	ng/ul	92
10) 2-Chlorophenol	7.25	128	53403	8.69	ng/ul	96
11) 2-Methylphenol	8.12	108	47160	8.28	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.22	45	61990	5.78	ng/ul#	90
14) Acetophenone	8.51	105	79205	8.67	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.49	70	36907	8.12	ng/ul	91
16) 4-Methylphenol	8.45	108	50017	8.05	ng/ul	95
17) Hexachloroethane	8.76	117	21523	9.04	ng/ul	90
20) Nitrobenzene	8.89	77	58273	10.22	ng/ul	93
21) Isophorone	9.40	82	91432	9.07	ng/ul#	98
23) 2-Nitrophenol	9.59	139	24310	8.97	ng/ul#	90
24) 2,4-Dimethylphenol	9.65	107	56981	9.97	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.89	93	58807	8.85	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	47927	10.00	ng/ul	100
28) Naphthalene	10.53	128	156390	9.22	ng/ul	99
30) 4-Chloroaniline	10.64	127	50794	10.66	ng/ul	98
31) Hexachlorobutadiene	10.80	225	38247	13.29	ng/ul	99
32) Caprolactam	11.39	113	10698	8.41	ng/ul#	73
33) 4-Chloro-3-methylphenol	11.76	107	46178	9.38	ng/ul	91
34) 2-Methylnaphthalene	12.15	142	106687	9.01	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	64176	12.03	ng/ul	98
37) Hexachlorocyclopentadiene	12.49	237	34362	12.29	ng/ul	99
38) 2,4,6-Trichlorophenol	12.76	196	35266	10.81	ng/ul	97
39) 2,4,5-Trichlorophenol	12.83	196	38552	11.02	ng/ul	96
40) 1,1'-Biphenyl	13.17	154	135543	9.36	ng/ul	95
41) 2-Chloronaphthalene	13.21	162	105114	9.49	ng/ul	98
42) 2-Nitroaniline	13.42	65	25637	8.51	ng/ul	95
44) Dimethylphthalate	13.80	163	127712	9.89	ng/ul#	98
45) 2,6-Dinitrotoluene	13.92	165	23319	9.71	ng/ul	99
47) Acenaphthylene	14.06	152	161487	9.03	ng/ul	98
48) 3-Nitroaniline	14.25	138	17811	7.77	ng/ul	99
49) Acenaphthene	14.40	153	109337	9.27	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	7927	6.01	ng/ul	95
52) 4-Nitrophenol	14.55	109	18356	10.84	ng/ul#	70
53) Dibenzofuran	14.74	168	152316	9.28	ng/ul	95
54) 2,4-Dinitrotoluene	14.70	165	32400	9.09	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	14.96	232	31686	11.14	ng/ul	94
56) Diethylphthalate	15.17	149	119215	9.31	ng/ul	98
58) Fluorene	15.39	166	124798	9.24	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	68847	10.68	ng/ul	96
60) 4-Nitroaniline	15.41	138	19635	6.90	ng/ul#	64
63) 4,6-Dinitro-2-methylphenol	15.46	198	16692	7.48	ng/ul#	95
64) N-Nitrosodiphenylamine	15.60	169	103743	8.83	ng/ul	97
65) 4-Bromophenyl-phenylether	16.28	248	40353	10.91	ng/ul	97
66) Hexachlorobenzene	16.39	284	43692	10.47	ng/ul#	92
67) Atrazine	16.55	200	38476	10.22	ng/ul	96
68) Pentachlorophenol	16.73	266	23727	10.73	ng/ul	95
69) Phenanthrene	17.13	178	189714	8.89	ng/ul	98
71) Anthracene	17.22	178	197293	9.08	ng/ul	97
72) Carbazole	17.49	167	165737	8.58	ng/ul	97
73) Di-n-butylphthalate	18.06	149	169930	7.93	ng/ul#	98
74) Fluoranthene	19.14	202	219695	9.54	ng/ul#	89
77) Pyrene	19.51	202	234545	8.03	ng/ul#	86
78) Butylbenzylphthalate	20.42	149	70370	6.55	ng/ul#	96
79) 3,3'-Dichlorobenzidine	21.20	252	60957	8.72	ng/ul#	95
80) Benzo(a)anthracene	21.26	228	249728	9.33	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.19	149	101856	6.34	ng/ul#	99
82) Chrysene	21.32	228	233553	9.16	ng/ul	98
84) Di-n-octyl phthalate	22.07	149	182222	5.92	ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	245349	8.48	ng/ul#	93
86) Benzo(k)fluoranthene	22.88	252	247448	9.15	ng/ul#	95
88) Benzo(a)pyrene	23.42	252	243284	8.99	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.77	276	295605	10.04	ng/ul#	87
90) Dibenzo(a,h)anthracene	25.78	278	245020	9.89	ng/ul#	92
91) Benzo(g,h,i)perylene	26.46	276	251614	10.12	ng/ul#	88

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

