

Data Path : S:\HPCHEM1\BNA_M\DATA\BM061015\
 Data File : BM001634.D
 Acq On : 10 Jun 2015 18:30
 Operator : TP/IZ
 Sample : SSTD02084
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02084

Quant Time: Jun 11 05:59:24 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM061015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 10 13:11:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	87294	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	312158	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	172479	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	380340	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	443869	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	434359	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	15439	8.05	ng/uL	0.00
5) Phenol-d5	6.85	99	117718	19.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	67155	18.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	97836	19.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	91521	19.44	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	41084	19.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	46473	20.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	97251	20.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	109713	22.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	233756	19.95	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	317239	20.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	37546	18.70	ng/ul	0.00
57) Fluorene-d10	15.33	176	219335	19.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	37879	19.38	ng/ul	0.00
70) Anthracene-d10	17.19	188	329234	20.06	ng/ul	0.00
76) Pyrene-d10	19.49	212	358394	20.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	365859	20.47	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	16832	8.17	ng/uL	86
4) Benzaldehyde	6.83	77	84389	21.77	ng/ul	92
6) Phenol	6.88	94	123513	19.25	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.12	93	93019	19.05	ng/ul	95
10) 2-Chlorophenol	7.25	128	100327	19.36	ng/ul	97
11) 2-Methylphenol	8.13	108	89790	19.49	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.23	45	111286	18.74	ng/ul#	84
14) Acetophenone	8.51	105	148495	19.21	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.50	70	72881	19.36	ng/ul	92
16) 4-Methylphenol	8.46	108	92708	18.87	ng/ul	92
17) Hexachloroethane	8.76	117	41217	19.75	ng/ul	85
20) Nitrobenzene	8.89	77	115750	20.19	ng/ul	98
21) Isophorone	9.40	82	187141	20.04	ng/ul	96
23) 2-Nitrophenol	9.60	139	50904	20.39	ng/ul#	89
24) 2,4-Dimethylphenol	9.66	107	112239	19.85	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.90	93	111260	19.56	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	95076	20.42	ng/ul	96
28) Naphthalene	10.53	128	292914	19.81	ng/ul	99
30) 4-Chloroaniline	10.64	127	112702	22.39	ng/ul	96
31) Hexachlorobutadiene	10.81	225	77605	21.03	ng/ul	99
32) Caprolactam	11.40	113	23079	19.59	ng/ul#	76
33) 4-Chloro-3-methylphenol	11.76	107	94397	20.12	ng/ul	94
34) 2-Methylnaphthalene	12.15	142	208505	20.11	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	127493	20.30	ng/ul	96
37) Hexachlorocyclopentadiene	12.49	237	76884	21.36	ng/ul	99
38) 2,4,6-Trichlorophenol	12.76	196	75540	20.56	ng/ul	97
39) 2,4,5-Trichlorophenol	12.83	196	82334	20.65	ng/ul	99
40) 1,1'-Biphenyl	13.17	154	272644	20.22	ng/ul#	98
41) 2-Chloronaphthalene	13.21	162	212864	20.24	ng/ul	96
42) 2-Nitroaniline	13.42	65	57011	19.54	ng/ul	95
44) Dimethylphthalate	13.80	163	256978	19.97	ng/ul#	99
45) 2,6-Dinitrotoluene	13.92	165	51037	20.39	ng/ul	91
47) Acenaphthylene	14.06	152	322851	20.04	ng/ul	98
48) 3-Nitroaniline	14.25	138	48112	20.93	ng/ul	95
49) Acenaphthene	14.40	153	215248	19.91	ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	22011	18.13	ng/ul#	89
52) 4-Nitrophenol	14.55	109	44333	20.10	ng/ul#	66
53) Dibenzofuran	14.74	168	308688	20.26	ng/ul	92
54) 2,4-Dinitrotoluene	14.71	165	71292	20.11	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.96	232	67257	20.12	ng/ul#	97
56) Diethylphthalate	15.17	149	247793	20.07	ng/ul	99
58) Fluorene	15.39	166	249421	19.68	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.39	204	139847	20.29	ng/ul	99
60) 4-Nitroaniline	15.42	138	50477	21.02	ng/ul#	65
63) 4,6-Dinitro-2-methylphenol	15.47	198	39435	19.04	ng/ul#	99
64) N-Nitrosodiphenylamine	15.60	169	206429	19.77	ng/ul	99
65) 4-Bromophenyl-phenylether	16.28	248	84021	20.68	ng/ul	99
66) Hexachlorobenzene	16.39	284	90705	20.35	ng/ul	94
67) Atrazine	16.56	200	82809	20.37	ng/ul	95
68) Pentachlorophenol	16.73	266	53046	19.41	ng/ul	96
69) Phenanthrene	17.13	178	380563	19.96	ng/ul	98
71) Anthracene	17.22	178	392505	19.83	ng/ul	99
72) Carbazole	17.49	167	334969	19.73	ng/ul	98
73) Di-n-butylphthalate	18.06	149	368629	19.99	ng/ul#	98
74) Fluoranthene	19.14	202	449208	19.87	ng/ul#	87
77) Pyrene	19.51	202	468196	20.02	ng/ul#	85
78) Butylbenzylphthalate	20.42	149	155350	20.09	ng/ul#	92
79) 3,3'-Dichlorobenzidine	21.20	252	160242	23.32	ng/ul#	95
80) Benzo(a)anthracene	21.26	228	485764	19.97	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.19	149	225557	19.95	ng/ul	99
82) Chrysene	21.32	228	454490	20.06	ng/ul	99
84) Di-n-octyl phthalate	22.07	149	388219	20.10	ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	497017	20.94	ng/ul#	93
86) Benzo(k)fluoranthene	22.88	252	463550	20.05	ng/ul#	94
88) Benzo(a)pyrene	23.41	252	469303	20.41	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	25.77	276	538889	19.72	ng/ul#	86
90) Dibenzo(a,h)anthracene	25.79	278	452386	19.85	ng/ul#	92
91) Benzo(g,h,i)perylene	26.46	276	454550	19.65	ng/ul#	86

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

