

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070215\
 Data File : BM001816.D
 Acq On : 02 Jul 2015 12:52
 Operator : TP/UM
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02018

Quant Time: Jul 03 01:55:14 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 02 07:09:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	58469	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	228929	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	130665	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	291938	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	337303	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	336731	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	10453	8.52	ng/uL	0.00
5) Phenol-d5	6.83	99	90057	20.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	50987	20.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	75197	21.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	73350	20.35	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	33685	21.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	36282	20.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	77327	20.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	92582	24.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	195698	20.20	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	266448	20.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	31945	17.87	ng/ul	0.00
57) Fluorene-d10	15.31	176	186508	20.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	33684	18.89	ng/ul	0.00
70) Anthracene-d10	17.16	188	281913	20.73	ng/ul	0.00
78) Pyrene-d10	19.46	212	303080	21.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	308469	20.78	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	11675	8.34	ng/uL	96
4) Benzaldehyde	6.80	77	62715	21.36	ng/ul	93
6) Phenol	6.86	94	94833	20.46	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.09	93	70998	20.39	ng/ul	96
10) 2-Chlorophenol	7.22	128	76296	20.75	ng/ul	97
11) 2-Methylphenol	8.10	108	68787	20.05	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	82376	19.33	ng/ul#	94
14) Acetophenone	8.48	105	117135	20.47	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	57607	20.60	ng/ul	99
16) 4-Methylphenol	8.43	108	75574	20.27	ng/ul	99
17) Hexachloroethane	8.73	117	30808	20.87	ng/ul	95
20) Nitrobenzene	8.86	77	87621	20.42	ng/ul	95
21) Isophorone	9.38	82	146825	20.49	ng/ul	97
23) 2-Nitrophenol	9.57	139	39689	20.91	ng/ul	99
24) 2,4-Dimethylphenol	9.63	107	87727	20.00	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.87	93	90114	20.15	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	73811	20.51	ng/ul	97
28) Naphthalene	10.50	128	235249	20.35	ng/ul	99
30) 4-Chloroaniline	10.62	127	92867	24.24	ng/ul	98
31) Hexachlorobutadiene	10.78	225	58239	21.13	ng/ul	97
32) Caprolactam	11.36	113	19375	18.02	ng/ul	86
33) 4-Chloro-3-methylphenol	11.74	107	76310	19.92	ng/ul	96
34) 2-Methylnaphthalene	12.12	142	170295	20.37	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	104196	21.34	ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	56955	19.30	ng/ul#	97
38) 2,4,6-Trichlorophenol	12.74	196	61174	21.53	ng/ul	95
39) 2,4,5-Trichlorophenol	12.80	196	65755	21.15	ng/ul	97
40) 1,1'-Biphenyl	13.15	154	220120	20.64	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	175732	21.02	ng/ul	98
42) 2-Nitroaniline	13.40	65	46202	20.84	ng/ul	91
44) Dimethylphthalate	13.77	163	214898	20.29	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	42683	21.44	ng/ul	97
47) Acenaphthylene	14.04	152	266748	20.60	ng/ul	99
48) 3-Nitroaniline	14.23	138	40989	22.03	ng/ul	95
49) Acenaphthene	14.38	153	179869	20.78	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	21493	17.42	ng/ul	93
52) 4-Nitrophenol	14.53	109	33248	18.00	ng/ul	93
53) Dibenzofuran	14.72	168	260871	21.05	ng/ul	100
54) 2,4-Dinitrotoluene	14.69	165	61028	20.79	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.94	232	55106	20.50	ng/ul	97
56) Diethylphthalate	15.14	149	203976	20.25	ng/ul	98
58) Fluorene	15.37	166	211653	20.52	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.36	204	116504	20.95	ng/ul	99
60) 4-Nitroaniline	15.39	138	42475	20.12	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.45	198	35845	18.87	ng/ul	98
64) N-Nitrosodiphenylamine	15.58	169	177472	20.81	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	68988	21.19	ng/ul	94
66) Hexachlorobenzene	16.36	284	76801	21.00	ng/ul	96
67) Atrazine	16.53	200	68537	19.95	ng/ul	95
68) Pentachlorophenol	16.71	266	41990	18.72	ng/ul	99
69) Phenanthrene	17.10	178	324683	20.51	ng/ul	98
71) Anthracene	17.20	178	332229	20.44	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	99365	21.65	ng/uL	93
73) Pentachlorobenzene	14.63	250	90886	21.01	ng/uL	98
74) Carbazole	17.47	167	283771	19.90	ng/ul	98
75) Di-n-butylphthalate	18.03	149	315930	20.74	ng/ul	100
76) Fluoranthene	19.13	202	378289	19.98	ng/ul	98
79) Pyrene	19.49	202	398090	21.27	ng/ul	99
80) Butylbenzylphthalate	20.40	149	134020	21.95	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.18	252	129265	21.57	ng/ul	98
82) Benzo(a)anthracene	21.24	228	408008	20.70	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	199741	21.75	ng/ul	98
84) Chrysene	21.29	228	383004	20.50	ng/ul	100
86) Di-n-octyl phthalate	22.04	149	344482	20.82	ng/ul	100
87) Benzo(b)fluoranthene	22.81	252	405081	20.67	ng/ul	100
88) Benzo(k)fluoranthene	22.86	252	397742	21.00	ng/ul	99
90) Benzo(a)pyrene	23.38	252	396032	20.77	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.72	276	472231	20.88	ng/ul	100
92) Dibenzo(a,h)anthracene	25.73	278	396917	20.81	ng/ul	99
93) Benzo(g,h,i)perylene	26.40	276	399718	21.02	ng/ul	99

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

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