

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071916\
 Data File : BM006553.D
 Acq On : 20 Jul 2016 13:43
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02044

Quant Time: Jul 20 15:19:37 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 20 04:22:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	127738	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	531235	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	289742	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	667620	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	814520	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	854617	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	25745	8.49	ng/uL	0.00
5) Phenol-d5	6.79	99	220309	21.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	138198	21.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	172995	20.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	165874	19.94	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	81403	20.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	82781	18.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	158003	18.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	208617	23.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	454002	19.14	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	588757	20.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	78068	18.95	ng/ul	0.00
57) Fluorene-d10	15.26	176	405063	19.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	65926	17.07	ng/ul	0.00
70) Anthracene-d10	17.11	188	633855	20.09	ng/ul	0.00
76) Pyrene-d10	19.42	212	721964	19.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	792241	20.27	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.17	88	26669	8.20 ng/uL#	11
4) Benzaldehyde	6.76	77	146175	23.12 ng/ul	99
6) Phenol	6.82	94	234881	21.29 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.05	93	180137	22.15 ng/ul	97
10) 2-Chlorophenol	7.18	128	182265	20.92 ng/ul	97
11) 2-Methylphenol	8.06	108	174021	21.17 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.15	45	260830	19.73 ng/ul	99
14) Acetophenone	8.43	105	271808	20.75 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.42	70	138652	20.06 ng/ul	99
16) 4-Methylphenol	8.38	108	185673	20.90 ng/ul	96
17) Hexachloroethane	8.67	117	75994	20.50 ng/ul	97
20) Nitrobenzene	8.81	77	211049	19.68 ng/ul	98
21) Isophorone	9.32	82	367016	19.17 ng/ul	99
23) 2-Nitrophenol	9.52	139	93593	18.70 ng/ul	95
24) 2,4-Dimethylphenol	9.58	107	204114	18.86 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.82	93	236044	20.62 ng/ul	98
27) 2,4-Dichlorophenol	10.05	162	162201	18.71 ng/ul	97
28) Naphthalene	10.44	128	541016	20.06 ng/ul	99
30) 4-Chloroaniline	10.56	127	217532	23.24 ng/ul	98
31) Hexachlorobutadiene	10.72	225	106525	18.00 ng/ul	98
32) Caprolactam	11.30	113	49569	18.00 ng/ul	97
33) 4-Chloro-3-methylphenol	11.69	107	178323	18.37 ng/ul	99
34) 2-Methylnaphthalene	12.06	142	390495	19.22 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	199313	19.61	ng/ul	99
37) Hexachlorocyclopentadiene	12.41	237	78927	14.75	ng/ul	100
38) 2,4,6-Trichlorophenol	12.69	196	124243	18.83	ng/ul	97
39) 2,4,5-Trichlorophenol	12.76	196	130793	19.24	ng/ul	99
40) 1,1'-Biphenyl	13.09	154	493579	20.66	ng/ul	99
41) 2-Chloronaphthalene	13.13	162	380763	20.37	ng/ul	98
42) 2-Nitroaniline	13.34	65	121164	18.95	ng/ul	94
44) Dimethylphthalate	13.72	163	457832	19.03	ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	91032	19.04	ng/ul	98
47) Acenaphthylene	13.98	152	625988	20.50	ng/ul	99
48) 3-Nitroaniline	14.17	138	100462	22.31	ng/ul	98
49) Acenaphthene	14.33	153	395190	20.12	ng/ul	97
50) 2,4-Dinitrophenol	14.40	184	34072	12.54	ng/ul	90
52) 4-Nitrophenol	14.50	109	75750	16.25	ng/ul	95
53) Dibenzofuran	14.66	168	571513	19.98	ng/ul	97
54) 2,4-Dinitrotoluene	14.64	165	136806	19.15	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.90	232	113310	18.40	ng/ul	98
56) Diethylphthalate	15.10	149	476456	18.77	ng/ul	99
58) Fluorene	15.32	166	463053	20.24	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.32	204	223897	19.25	ng/ul	100
60) 4-Nitroaniline	15.34	138	112906	21.14	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.41	198	73273	17.82	ng/ul	95
64) N-Nitrosodiphenylamine	15.53	169	404410	20.62	ng/ul	100
65) 4-Bromophenyl-phenylether	16.21	248	142539	19.16	ng/ul	96
66) Hexachlorobenzene	16.32	284	157636	19.01	ng/ul	97
67) Atrazine	16.49	200	143836	19.84	ng/ul	98
68) Pentachlorophenol	16.67	266	68040	17.06	ng/ul	95
69) Phenanthrene	17.06	178	745103	20.30	ng/ul	99
71) Anthracene	17.14	178	780953	20.68	ng/ul	99
72) Carbazole	17.42	167	699577	21.91	ng/ul	99
73) Di-n-butylphthalate	17.99	149	817181	18.72	ng/ul	99
74) Fluoranthene	19.08	202	911957	21.38	ng/ul	99
77) Pyrene	19.44	202	968608	19.92	ng/ul	99
78) Butylbenzylphthalate	20.35	149	394952	18.47	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.13	252	329118	20.74	ng/ul	98
80) Benzo(a)anthracene	21.20	228	981598	19.75	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.13	149	560658	18.88	ng/ul	99
82) Chrysene	21.25	228	909840	19.44	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	1055691	21.19	ng/ul	97
85) Benzo(b)fluoranthene	22.75	252	1044508	20.45	ng/ul	99
86) Benzo(k)fluoranthene	22.79	252	983509	20.47	ng/ul	99
88) Benzo(a)pyrene	23.31	252	1005016	20.54	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.60	276	1185311	20.82	ng/ul	98
90) Dibenzo(a,h)anthracene	25.61	278	990072	20.93	ng/ul	98
91) Benzo(g,h,i)perylene	26.27	276	1008084	20.04	ng/ul	99

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

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