

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050317\
 Data File : BM009868.D
 Acq On : 03 May 2017 11:15
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02046

Manual Integrations
 APPROVED

mohammad
 5/4/2017 5:01:24 PM

Quant Time: May 04 01:59:47 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 02 01:45:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	83801	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	382753	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	242414	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	614072	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	866612	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	848028	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	15616	8.58	ng/uL	-0.01
5) Phenol-d5	6.99	99	179013	19.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	126181	20.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	118605	20.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	134092	18.89	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	59146	18.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	65354	19.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	129173	19.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	165204	20.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	425520	20.18	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	507527	19.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	66572	16.36	ng/ul	0.01
57) Fluorene-d10	15.45	176	375948	19.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	70406	16.25	ng/ul	0.00
70) Anthracene-d10	17.31	188	612976	19.44	ng/ul	0.00
76) Pyrene-d10	19.60	212	746144	19.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	806867	19.56	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.32	88	17592	7.84 ng/uL#	78
4) Benzaldehyde	6.96	77	136788	23.06 ng/ul#	83
6) Phenol	7.02	94	181347	19.27 ng/ul#	69
8) Bis(2-Chloroethyl)ether	7.23	93	138695	19.63 ng/ul	84
10) 2-Chlorophenol	7.37	128	123584	20.84 ng/ul#	70
11) 2-Methylphenol	8.26	108	132880	19.62 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	233529	19.79 ng/ul	96
14) Acetophenone	8.63	105	221697	18.99 ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.61	70	143549	19.80 ng/ul#	89
16) 4-Methylphenol	8.59	108	144052	19.22 ng/ul	93
17) Hexachloroethane	8.87	117	56798	20.63 ng/ul	93
20) Nitrobenzene	9.02	77	204067	20.17 ng/ul	91
21) Isophorone	9.53	82	349106	19.49 ng/ul#	95
23) 2-Nitrophenol	9.73	139	71510	20.03 ng/ul#	54
24) 2,4-Dimethylphenol	9.79	107	175717	19.80 ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.02	93	201194	19.37 ng/ul	96
27) 2,4-Dichlorophenol	10.26	162	125255	19.39 ng/ul#	86
28) Naphthalene	10.65	128	386254	18.95 ng/ul	99
30) 4-Chloroaniline	10.77	127	158352	20.08 ng/ul	97
31) Hexachlorobutadiene	10.92	225	85829	19.02 ng/ul	96
32) Caprolactam	11.57	113	50006m	20.50 ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	154783	19.23 ng/ul#	87
34) 2-Methylnaphthalene	12.27	142	287576	18.35 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	166612	20.27	ng/ul	94
37) Hexachlorocyclopentadiene	12.60	237	68565	15.62	ng/ul	98
38) 2,4,6-Trichlorophenol	12.89	196	107205	19.20	ng/ul	92
39) 2,4,5-Trichlorophenol	12.97	196	107986	18.76	ng/ul	87
40) 1,1'-Biphenyl	13.28	154	388625	19.49	ng/ul	93
41) 2-Chloronaphthalene	13.33	162	305942	19.95	ng/ul	96
42) 2-Nitroaniline	13.55	65	141050	21.59	ng/ul#	83
44) Dimethylphthalate	13.91	163	413083	19.80	ng/ul	98
45) 2,6-Dinitrotoluene	14.05	165	83195	19.86	ng/ul#	81
47) Acenaphthylene	14.18	152	486796	19.41	ng/ul	99
48) 3-Nitroaniline	14.38	138	85866	20.75	ng/ul#	86
49) Acenaphthene	14.52	153	328950	19.29	ng/ul	95
50) 2,4-Dinitrophenol	14.60	184	54937	19.66	ng/ul	85
52) 4-Nitrophenol	14.71	109	77403	16.60	ng/ul#	63
53) Dibenzofuran	14.86	168	492443	19.72	ng/ul	91
54) 2,4-Dinitrotoluene	14.85	165	130434	20.66	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.09	232	96846	17.35	ng/ul#	91
56) Diethylphthalate	15.27	149	447887	19.69	ng/ul#	96
58) Fluorene	15.51	166	424794	19.92	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.50	204	216115	19.56	ng/ul#	92
60) 4-Nitroaniline	15.55	138	87600	18.14	ng/ul#	36
63) 4,6-Dinitro-2-methylphenol	15.61	198	71469	15.99	ng/ul#	85
64) N-Nitrosodiphenylamine	15.72	169	365503	19.40	ng/ul	98
65) 4-Bromophenyl-phenylether	16.39	248	136986	19.53	ng/ul	94
66) Hexachlorobenzene	16.51	284	151037	19.68	ng/ul	95
67) Atrazine	16.67	200	148389	19.63	ng/ul	94
68) Pentachlorophenol	16.87	266	83102	17.57	ng/ul	88
69) Phenanthrene	17.25	178	685695	19.43	ng/ul	96
71) Anthracene	17.34	178	720496	19.51	ng/ul	98
72) Carbazole	17.62	167	645303	19.42	ng/ul	98
73) Di-n-butylphthalate	18.16	149	819599	20.25	ng/ul	98
74) Fluoranthene	19.27	202	880817	19.79	ng/ul#	92
77) Pyrene	19.64	202	940655	19.22	ng/ul#	93
78) Butylbenzylphthalate	20.52	149	433040	21.34	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.32	252	349161	21.79	ng/ul	99
80) Benzo(a)anthracene	21.38	228	1012360	19.70	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.28	149	643596	20.93	ng/ul	99
82) Chrysene	21.43	228	890770	19.26	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	1163889	18.79	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	1060652	19.26	ng/ul#	97
86) Benzo(k)fluoranthene	23.05	252	962222	19.08	ng/ul#	95
88) Benzo(a)pyrene	23.61	252	995098	19.42	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.07	276	1059057	19.09	ng/ul#	89
90) Dibenzo(a,h)anthracene	26.07	278	898018	19.01	ng/ul#	94
91) Benzo(g,h,i)perylene	26.79	276	827398	18.56	ng/ul#	92

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

