

Data Path : U:\HPCHEM1\BNA M\DATA\BM012018\
 Data File : BM013678.D
 Acq On : 20 Jan 2018 12:54
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02030

Manual Integrations
 APPROVED

Sohil
 1/22/2018 2:40:03 PM

Quant Time: Jan 22 01:05:10 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 22 00:40:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	152421	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	621586	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	347840	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	744670	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	749616	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	729433	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	23857	6.19	ng/uL	0.00
5) Phenol-d5	6.79	99	228433	19.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	134019	18.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	187180	19.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	183096	20.35	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	94880	19.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	107320	21.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	196666	19.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	200921	23.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	558548	19.48	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	722005	19.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	79067	16.97	ng/ul	0.00
57) Fluorene-d10	15.26	176	476182	18.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	80845	18.04	ng/ul	0.00
70) Anthracene-d10	17.12	188	721821	19.90	ng/ul	0.00
76) Pyrene-d10	19.42	212	757070	21.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	671820	20.04	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.19	88	25160	5.956	ng/uL# 67
4) Benzaldehyde	6.77	77	162616	20.082	ng/ul 89
6) Phenol	6.82	94	231876	19.757	ng/ul# 85
8) Bis(2-Chloroethyl)ether	7.05	93	178190	19.403	ng/ul 93
10) 2-Chlorophenol	7.18	128	193408	20.353	ng/ul 96
11) 2-Methylphenol	8.06	108	174119	20.126	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.15	45	176767	18.917	ng/ul# 75
14) Acetophenone	8.43	105	290205	19.496	ng/ul 90
15) N-Nitroso-di-n-propylamine	8.42	70	148963	20.512	ng/ul# 68
16) 4-Methylphenol	8.39	108	191733	20.727	ng/ul 97
17) Hexachloroethane	8.67	117	84529	18.274	ng/ul 84
20) Nitrobenzene	8.81	77	229711	18.436	ng/ul 92
21) Isophorone	9.33	82	387676	19.257	ng/ul# 94
23) 2-Nitrophenol	9.52	139	108562	20.440	ng/ul# 82
24) 2,4-Dimethylphenol	9.58	107	217622	19.434	ng/ul 89
25) Bis(2-Chloroethoxy)methane	9.82	93	236740	19.290	ng/ul 92
27) 2,4-Dichlorophenol	10.05	162	186021	19.605	ng/ul# 91
28) Naphthalene	10.44	128	615461	19.902	ng/ul 99
30) 4-Chloroaniline	10.56	127	203155	23.985	ng/ul 96
31) Hexachlorobutadiene	10.72	225	140026	17.978	ng/ul 91
32) Caprolactam	11.34	113	50148	18.998	ng/ul# 30
33) 4-Chloro-3-methylphenol	11.70	107	182906	19.016	ng/ul 92
34) 2-Methylnaphthalene	12.06	142	448524	19.454	ng/ul 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	256699	19.917	ng/ul	98
37) Hexachlorocyclopentadiene	12.41	237	81117	15.160	ng/ul	98
38) 2,4,6-Trichlorophenol	12.69	196	157411	21.099	ng/ul	92
39) 2,4,5-Trichlorophenol	12.76	196	158512	20.419	ng/ul	98
40) 1,1'-Biphenyl	13.09	154	575328	19.870	ng/ul	97
41) 2-Chloronaphthalene	13.13	162	463533	20.480	ng/ul	97
42) 2-Nitroaniline	13.35	65	124502	19.941	ng/ul	97
44) Dimethylphthalate	13.73	163	541276	19.203	ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	107219	19.629	ng/ul#	95
47) Acenaphthylene	13.98	152	657984	19.671	ng/ul	99
48) 3-Nitroaniline	14.19	138	91108	21.209	ng/ul#	88
49) Acenaphthene	14.33	153	458978	19.813	ng/ul	96
50) 2,4-Dinitrophenol	14.40	184	46998	15.010	ng/ul	90
52) 4-Nitrophenol	14.50	109	78185	16.520	ng/ul#	80
53) Dibenzofuran	14.67	168	669191	19.202	ng/ul	98
54) 2,4-Dinitrotoluene	14.65	165	156519	19.657	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.90	232	137024	18.766	ng/ul#	85
56) Diethylphthalate	15.10	149	522149	18.407	ng/ul	96
58) Fluorene	15.32	166	550234	19.274	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.32	204	290881	18.857	ng/ul	99
60) 4-Nitroaniline	15.35	138	97800m	19.458	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.42	198	85812	18.137	ng/ul	93
64) N-Nitrosodiphenylamine	15.53	169	448785	20.491	ng/ul	98
65) 4-Bromophenyl-phenylether	16.22	248	175915	20.001	ng/ul	98
66) Hexachlorobenzene	16.32	284	191264	20.202	ng/ul#	93
67) Atrazine	16.49	200	166913	19.095	ng/ul	91
68) Pentachlorophenol	16.67	266	88458	17.583	ng/ul	96
69) Phenanthrene	17.06	178	822116	19.861	ng/ul	99
71) Anthracene	17.15	178	834366	19.542	ng/ul	97
72) Carbazole	17.43	167	681338	19.333	ng/ul	99
73) Di-n-butylphthalate	17.99	149	760232	18.341	ng/ul	98
74) Fluoranthene	19.08	202	918673	18.593	ng/ul#	93
77) Pyrene	19.44	202	974536	21.385	ng/ul#	91
78) Butylbenzylphthalate	20.36	149	326443	20.336	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.14	252	265224	21.387	ng/ul#	97
80) Benzo(a)anthracene	21.20	228	913237	20.162	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.14	149	450696	18.713	ng/ul#	99
82) Chrysene	21.25	228	810729	19.511	ng/ul	99
84) Di-n-octyl phthalate	22.01	149	734283	16.704	ng/ul	99
85) Benzo(b)fluoranthene	22.76	252	903796	20.176	ng/ul#	98
86) Benzo(k)fluoranthene	22.80	252	847139	19.565	ng/ul#	98
88) Benzo(a)pyrene	23.32	252	848379	20.048	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.61	276	980036	19.619	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.63	278	839267	19.895	ng/ul#	96
91) Benzo(g,h,i)perylene	26.29	276	817056	19.873	ng/ul#	94

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

