

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061818\
 Data File : BM015706.D
 Acq On : 18 Jun 2018 23:42
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02016

Manual Integrations
 APPROVED

Sohil
 6/19/2018 6:02:45 PM

Quant Time: Jun 19 11:10:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 19 05:11:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	80551	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	360693	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	212838	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.67	188	493798	20.00	ng/ul	0.00
77) Chrysene-d12	21.77	240	602442	20.00	ng/ul	0.00
85) Perylene-d12	24.19	264	636183	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	14568	8.79	ng/uL	0.00
5) Phenol-d5	7.47	99	126685	17.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.64	67	81551	18.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.85	132	108483	19.40	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	107904	17.13	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	51226	21.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	54423	20.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	109385	20.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	142525	23.68	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	339470	19.27	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	387485	20.39	ng/ul	0.00
51) 4-Nitrophenol-d4	15.14	143	55075	16.19	ng/ul	0.00
57) Fluorene-d10	15.93	176	292047	19.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	48877	16.43	ng/ul	0.00
70) Anthracene-d10	17.77	188	453761	20.16	ng/ul	0.00
78) Pyrene-d10	20.02	212	521536	20.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.03	264	644315	20.20	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.58	88	14402	8.444	ng/uL	89
4) Benzaldehyde	7.46	77	85693	22.357	ng/ul	87
6) Phenol	7.50	94	133401	17.561	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.73	93	103766	18.424	ng/ul	89
10) 2-Chlorophenol	7.88	128	112439	19.514	ng/ul#	90
11) 2-Methylphenol	8.77	108	101822	17.507	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.86	45	162684	17.262	ng/ul#	89
14) Acetophenone	9.16	105	175064	17.760	ng/ul#	83
15) N-Nitroso-di-n-propylamine	9.14	70	90870	17.424	ng/ul#	71
16) 4-Methylphenol	9.10	108	108301	16.703	ng/ul	97
17) Hexachloroethane	9.41	117	48229	21.235	ng/ul	96
20) Nitrobenzene	9.56	77	135226	20.642	ng/ul	92
21) Isophorone	10.07	82	237765	18.984	ng/ul	98
23) 2-Nitrophenol	10.27	139	61588	20.476	ng/ul#	86
24) 2,4-Dimethylphenol	10.31	107	135713	20.393	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.55	93	143965	19.227	ng/ul	99
27) 2,4-Dichlorophenol	10.80	162	108205	20.061	ng/ul	96
28) Naphthalene	11.20	128	363546	20.137	ng/ul	100
30) 4-Chloroaniline	11.32	127	144176	23.093	ng/ul	98
31) Hexachlorobutadiene	11.47	225	74255	22.443	ng/ul	97
32) Caprolactam	12.10	113	32276	15.664	ng/ul#	52
33) 4-Chloro-3-methylphenol	12.42	107	120425	18.753	ng/ul	98
34) 2-Methylnaphthalene	12.79	142	263776	19.051	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	133714	21.767	ng/ul	98
37) Hexachlorocyclopentadiene	13.12	237	37726	15.179	ng/ul	100
38) 2,4,6-Trichlorophenol	13.39	196	85834	21.323	ng/ul	98
39) 2,4,5-Trichlorophenol	13.47	196	89787	20.229	ng/ul	97
40) 1,1'-Biphenyl	13.78	154	340951	20.524	ng/ul	98
41) 2-Chloronaphthalene	13.83	162	265566	20.667	ng/ul	99
42) 2-Nitroaniline	14.04	65	83489	20.966	ng/ul#	75
44) Dimethylphthalate	14.39	163	353277	19.634	ng/ul	99
45) 2,6-Dinitrotoluene	14.53	165	64432	19.309	ng/ul#	78
47) Acenaphthylene	14.67	152	402594	20.293	ng/ul	99
48) 3-Nitroaniline	14.86	138	66370	19.563	ng/ul	92
49) Acenaphthene	15.00	153	294187	20.093	ng/ul	97
50) 2,4-Dinitrophenol	15.07	184	24839m	12.443	ng/ul	
52) 4-Nitrophenol	15.16	109	61625	20.424	ng/ul#	83
53) Dibenzofuran	15.34	168	412295	20.014	ng/ul	96
54) 2,4-Dinitrotoluene	15.31	165	100638	19.421	ng/ul#	65
55) 2,3,4,6-Tetrachlorophenol	15.56	232	79096	19.705	ng/ul#	97
56) Diethylphthalate	15.73	149	368164	19.467	ng/ul	98
58) Fluorene	15.98	166	336896	19.556	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.96	204	169010	19.708	ng/ul	99
60) 4-Nitroaniline	16.01	138	62005	15.061	ng/ul#	79
63) 4,6-Dinitro-2-methylphenol	16.07	198	53147	16.721	ng/ul#	80
64) N-Nitrosodiphenylamine	16.18	169	288833	20.303	ng/ul	98
65) 4-Bromophenyl-phenylether	16.85	248	103147	20.552	ng/ul	99
66) Hexachlorobenzene	16.97	284	116161	19.802	ng/ul	97
67) Atrazine	17.11	200	110364	21.028	ng/ul	99
68) Pentachlorophenol	17.32	266	58264	17.265	ng/ul	98
69) Phenanthrene	17.71	178	542594	20.022	ng/ul	100
71) Anthracene	17.80	178	555352	20.119	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.75	216	134738	22.625	ng/uL	98
73) Pentachlorobenzene	15.26	250	132750	21.210	ng/uL	100
74) Carbazole	18.07	167	495764	19.430	ng/ul	98
75) Di-n-butylphthalate	18.59	149	626805	20.413	ng/ul#	98
76) Fluoranthene	19.69	202	649705	19.552	ng/ul	99
79) Pvrene	20.04	202	673135	19.918	ng/ul	98
80) Butylbenzylphthalate	20.90	149	312981	20.735	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.68	252	246556	20.050	ng/ul	98
82) Benzo(a)anthracene	21.76	228	732656	20.058	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.64	149	460689	20.761	ng/ul	97
84) Chrysene	21.81	228	688640	20.092	ng/ul	100
86) Di-n-octyl phthalate	22.57	149	813682	20.323	ng/ul#	88
87) Benzo(b)fluoranthene	23.45	252	763313	20.187	ng/ul	98
88) Benzo(k)fluoranthene	23.50	252	735051	20.601	ng/ul	99
90) Benzo(a)pyrene	24.08	252	733104	20.292	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.67	276	850003	18.781	ng/ul	95
92) Dibenzo(a,h)anthracene	26.67	278	715053	18.724	ng/ul	98
93) Benzo(g,h,i)perylene	27.44	276	684032	18.336	ng/ul	96

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

