

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073018\
 Data File : BM016133.D
 Acq On : 31 Jul 2018 01:02
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02051

Quant Time: Jul 31 06:43:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 31 06:41:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	40172	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	193188	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	120646	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	272148	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	320172	20.00	ng/ul	0.00
85) Perylene-d12	24.03	264	319313	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	8154	8.94	ng/uL	0.00
5) Phenol-d5	7.35	99	63442	17.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	43830	18.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	59191	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	57947	18.43	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	28920	20.85	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	32544	20.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	61841	20.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	81218	21.86	ng/ul	0.00
43) Dimethylphthalate-d6	14.23	166	212774	19.35	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	249655	19.90	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	31390	16.47	ng/ul	0.00
57) Fluorene-d10	15.81	176	175728	18.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	32826	18.07	ng/ul	0.00
70) Anthracene-d10	17.65	188	274307	19.69	ng/ul	0.00
78) Pyrene-d10	19.92	212	299497	20.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.88	264	341400	19.44	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.50	88	8304	9.330	ng/uL# 76
4) Benzaldehyde	7.34	77	48284	20.463	ng/ul 85
6) Phenol	7.38	94	60092	16.302	ng/ul# 61
8) Bis(2-Chloroethyl)ether	7.62	93	50126	18.414	ng/ul 87
10) 2-Chlorophenol	7.76	128	58954	19.913	ng/ul# 92
11) 2-Methylphenol	8.65	108	52116	18.382	ng/ul 95
12) 2,2'-oxybis(1-Chloropropan	8.73	45	76935	17.794	ng/ul 93
14) Acetophenone	9.04	105	97282	18.623	ng/ul# 72
15) N-Nitroso-di-n-propylamine	9.01	70	51440	19.685	ng/ul# 63
16) 4-Methylphenol	8.97	108	56607	18.079	ng/ul 97
17) Hexachloroethane	9.27	117	29940	22.470	ng/ul 84
20) Nitrobenzene	9.43	77	80582	20.552	ng/ul# 85
21) Isophorone	9.94	82	137029	20.030	ng/ul# 96
23) 2-Nitrophenol	10.14	139	35359	20.889	ng/ul# 67
24) 2,4-Dimethylphenol	10.19	107	80518	20.799	ng/ul 87
25) Bis(2-Chloroethoxy)methane	10.42	93	77316	19.424	ng/ul 100
27) 2,4-Dichlorophenol	10.67	162	59382	19.856	ng/ul 97
28) Naphthalene	11.06	128	199362	19.472	ng/ul 99
30) 4-Chloroaniline	11.19	127	79695	21.508	ng/ul 97
31) Hexachlorobutadiene	11.32	225	44082	20.983	ng/ul 98
32) Caprolactam	11.98	113	18006	17.863	ng/ul# 66
33) 4-Chloro-3-methylphenol	12.30	107	69830	19.887	ng/ul 97
34) 2-Methylnaphthalene	12.66	142	149918	19.735	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.03	216	73822	19.715	ng/ul#	95
37) Hexachlorocyclopentadiene	12.99	237	30747	17.319	ng/ul	89
38) 2,4,6-Trichlorophenol	13.27	196	48252	19.957	ng/ul	97
39) 2,4,5-Trichlorophenol	13.35	196	50460	19.644	ng/ul	98
40) 1,1'-Biphenyl	13.66	154	199041	19.482	ng/ul	98
41) 2-Chloronaphthalene	13.71	162	152213	19.303	ng/ul	96
42) 2-Nitroaniline	13.93	65	52949	20.984	ng/ul#	73
44) Dimethylphthalate	14.27	163	212854	19.545	ng/ul	99
45) 2,6-Dinitrotoluene	14.42	165	39017	20.050	ng/ul#	57
47) Acenaphthylene	14.55	152	247067	20.114	ng/ul	99
48) 3-Nitroaniline	14.75	138	39998	19.962	ng/ul	85
49) Acenaphthene	14.89	153	176464	19.780	ng/ul	99
50) 2,4-Dinitrophenol	14.97	184	17745	16.502	ng/ul#	1
52) 4-Nitrophenol	15.05	109	45534	20.045	ng/ul#	72
53) Dibenzofuran	15.22	168	243152	19.099	ng/ul#	84
54) 2,4-Dinitrotoluene	15.20	165	61356	19.645	ng/ul#	33
55) 2,3,4,6-Tetrachlorophenol	15.45	232	45459	19.428	ng/ul#	87
56) Diethylphthalate	15.62	149	238004	20.107	ng/ul	94
58) Fluorene	15.86	166	197566	19.153	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.85	204	97441	18.956	ng/ul	92
60) 4-Nitroaniline	15.91	138	38569	17.548	ng/ul#	40
63) 4,6-Dinitro-2-methylphenol	15.97	198	33734	18.136	ng/ul#	79
64) N-Nitrosodiphenylamine	16.07	169	168266	19.960	ng/ul	95
65) 4-Bromophenyl-phenylether	16.74	248	59027	20.126	ng/ul#	83
66) Hexachlorobenzene	16.86	284	61721	18.848	ng/ul#	81
67) Atrazine	17.00	200	68083	20.237	ng/ul	95
68) Pentachlorophenol	17.21	266	31235	17.743	ng/ul	99
69) Phenanthrene	17.60	178	312851	19.443	ng/ul	98
71) Anthracene	17.69	178	324078	19.534	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.63	216	77290	20.301	ng/uL	97
73) Pentachlorobenzene	15.14	250	71721	19.255	ng/uL	98
74) Carbazole	17.96	167	284143	18.898	ng/ul	97
75) Di-n-butylphthalate	18.48	149	412397	21.468	ng/ul#	96
76) Fluoranthene	19.59	202	370923	18.368	ng/ul#	93
79) Pvrene	19.94	202	384456	20.369	ng/ul#	92
80) Butylbenzylphthalate	20.80	149	203796	22.444	ng/ul#	80
81) 3,3'-Dichlorobenzidine	21.59	252	133180	18.910	ng/ul	97
82) Benzo(a)anthracene	21.66	228	413480	19.975	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.54	149	296542	22.270	ng/ul	92
84) Chrysene	21.71	228	379275	19.588	ng/ul	100
86) Di-n-octyl phthalate	22.45	149	499148	19.958	ng/ul#	82
87) Benzo(b)fluoranthene	23.32	252	407508	19.895	ng/ul#	97
88) Benzo(k)fluoranthene	23.36	252	389836	19.910	ng/ul	98
90) Benzo(a)pyrene	23.93	252	381414	19.367	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.44	276	418819	17.296	ng/ul#	91
92) Dibenzo(a,h)anthracene	26.44	278	352794	17.205	ng/ul	96
93) Benzo(g,h,i)perylene	27.19	276	327523	16.916	ng/ul#	93

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

