

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071318\
 Data File : BM015953.D
 Acq On : 13 Jul 2018 20:54
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02037

Quant Time: Jul 13 23:47:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 13 23:45:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	52458	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	262135	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.89	164	166577	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	395787	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	492280	20.00	ng/ul	0.00
85) Perylene-d12	24.12	264	517258	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	8995	7.55	ng/uL	0.00
5) Phenol-d5	7.42	99	85021	17.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	54832	18.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	73932	18.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	78296	19.07	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	36575	19.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	40773	19.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	82758	19.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	108804	21.58	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	283861	18.70	ng/ul	0.00
46) Acenaphthylene-d8	14.59	160	334077	19.29	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	47518	18.06	ng/ul	0.00
57) Fluorene-d10	15.87	176	241743	18.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.01	200	43125	16.33	ng/ul	0.00
70) Anthracene-d10	17.72	188	375751	18.54	ng/ul	0.00
78) Pyrene-d10	19.97	212	430855	18.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.97	264	533710	18.76	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.53	88	9273	7.978	ng/uL# 83
4) Benzaldehyde	7.40	77	61812	20.061	ng/ul# 80
6) Phenol	7.45	94	87166	18.108	ng/ul# 69
8) Bis(2-Chloroethyl)ether	7.68	93	65432	18.407	ng/ul 89
10) 2-Chlorophenol	7.82	128	72811	18.833	ng/ul# 90
11) 2-Methylphenol	8.71	108	70510	19.045	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.79	45	109006	19.307	ng/ul# 90
14) Acetophenone	9.10	105	127700	18.721	ng/ul# 76
15) N-Nitroso-di-n-propylamine	9.07	70	66903	19.606	ng/ul# 61
16) 4-Methylphenol	9.05	108	78370	19.168	ng/ul 97
17) Hexachloroethane	9.35	117	34185	19.647	ng/ul 89
20) Nitrobenzene	9.49	77	99819	18.762	ng/ul# 87
21) Isophorone	10.01	82	179774	19.367	ng/ul 98
23) 2-Nitrophenol	10.20	139	45142	19.654	ng/ul# 69
24) 2,4-Dimethylphenol	10.25	107	104231	19.842	ng/ul 90
25) Bis(2-Chloroethoxy)methane	10.49	93	103985	19.253	ng/ul 99
27) 2,4-Dichlorophenol	10.74	162	80363	19.804	ng/ul 99
28) Naphthalene	11.14	128	263540	18.970	ng/ul 100
30) 4-Chloroaniline	11.26	127	109318	21.742	ng/ul 99
31) Hexachlorobutadiene	11.40	225	54739	19.202	ng/ul 99
32) Caprolactam	12.04	113	26536	19.401	ng/ul# 62
33) 4-Chloro-3-methylphenol	12.36	107	95465	20.037	ng/ul 97
34) 2-Methylnaphthalene	12.73	142	195630	18.979	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.09	216	96918	18.746	ng/ul#	93
37) Hexachlorocyclopentadiene	13.06	237	35891	14.642	ng/ul	97
38) 2,4,6-Trichlorophenol	13.33	196	65080	19.495	ng/ul	99
39) 2,4,5-Trichlorophenol	13.42	196	69912	19.712	ng/ul	98
40) 1,1'-Biphenyl	13.72	154	262287	18.594	ng/ul	98
41) 2-Chloronaphthalene	13.77	162	201518	18.509	ng/ul	95
42) 2-Nitroaniline	13.99	65	68916	19.781	ng/ul#	75
44) Dimethylphthalate	14.34	163	279764	18.605	ng/ul	99
45) 2,6-Dinitrotoluene	14.47	165	52627	19.587	ng/ul#	68
47) Acenaphthylene	14.62	152	325118	19.170	ng/ul	97
48) 3-Nitroaniline	14.81	138	53152	19.212	ng/ul	87
49) Acenaphthene	14.95	153	231217	18.771	ng/ul	99
50) 2,4-Dinitrophenol	15.03	184	20200	13.605	ng/ul#	1
52) 4-Nitrophenol	15.11	109	58482	18.646	ng/ul#	77
53) Dibenzofuran	15.28	168	323151	18.383	ng/ul	89
54) 2,4-Dinitrotoluene	15.26	165	82498	19.131	ng/ul#	48
55) 2,3,4,6-Tetrachlorophenol	15.51	232	61919	19.166	ng/ul#	82
56) Diethylphthalate	15.68	149	307614	18.822	ng/ul	97
58) Fluorene	15.93	166	266626	18.721	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.91	204	132490	18.667	ng/ul	95
60) 4-Nitroaniline	15.97	138	59105	19.477	ng/ul#	63
63) 4,6-Dinitro-2-methylphenol	16.02	198	45082	16.665	ng/ul#	73
64) N-Nitrosodiphenylamine	16.13	169	228859	18.667	ng/ul	96
65) 4-Bromophenyl-phenylether	16.80	248	80677	18.914	ng/ul	96
66) Hexachlorobenzene	16.92	284	88571	18.598	ng/ul	93
67) Atrazine	17.06	200	90349	18.466	ng/ul	98
68) Pentachlorophenol	17.27	266	43272	16.902	ng/ul	97
69) Phenanthrene	17.66	178	432557	18.485	ng/ul	99
71) Anthracene	17.75	178	448549	18.591	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.70	216	103072	18.616	ng/uL	100
73) Pentachlorobenzene	15.20	250	100483	18.550	ng/uL	97
74) Carbazole	18.02	167	399907	18.288	ng/ul	97
75) Di-n-butylphthalate	18.54	149	526901	18.860	ng/ul#	97
76) Fluoranthene	19.64	202	520438	17.721	ng/ul	95
79) Pvrene	20.00	202	544495	18.762	ng/ul#	94
80) Butylbenzylphthalate	20.86	149	268994	19.267	ng/ul	89
81) 3,3'-Dichlorobenzidine	21.64	252	200247	18.492	ng/ul	99
82) Benzo(a)anthracene	21.72	228	592322	18.610	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	391177	19.106	ng/ul	95
84) Chrysene	21.77	228	546500	18.356	ng/ul	100
86) Di-n-octyl phthalate	22.52	149	702426	17.338	ng/ul#	85
87) Benzo(b)fluoranthene	23.40	252	624572	18.824	ng/ul	98
88) Benzo(k)fluoranthene	23.44	252	583488	18.396	ng/ul	98
90) Benzo(a)pyrene	24.02	252	591586	18.543	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.57	276	718354	18.313	ng/ul#	94
92) Dibenzo(a,h)anthracene	26.57	278	610855	18.390	ng/ul#	96
93) Benzo(g,h,i)perylene	27.33	276	573767	18.294	ng/ul#	94

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

