

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
 Data File : BM021470.D
 Acq On : 16 Jul 2019 16:46
 Operator : HP/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02040

Quant Time: Jul 16 17:25:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 12 05:46:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	160680	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	632796	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	370609	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	843694	20.00	ng/ul	0.00
77) Chrysene-d12	21.31	240	855204	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	951771	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	25250	7.74	ng/uL	0.00
5) Phenol-d5	6.90	99	240114	19.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	140592	18.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	203970	18.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	196061	19.70	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	96382	18.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	102505	17.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	220049	18.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	240611	22.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	610022	18.79	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	790498	19.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	86578	16.83	ng/ul	0.00
57) Fluorene-d10	15.37	176	542866	18.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	90903	16.03	ng/ul	0.00
70) Anthracene-d10	17.22	188	839633	19.16	ng/ul	0.00
78) Pyrene-d10	19.52	212	903769	19.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	976392	17.84	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.29	88	24403	7.118	ng/uL# 90
4) Benzaldehyde	6.89	77	171695	25.455	ng/ul 99
6) Phenol	6.93	94	241546	20.199	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.16	93	190205	20.572	ng/ul 100
10) 2-Chlorophenol	7.29	128	207558	20.084	ng/ul 99
11) 2-Methylphenol	8.17	108	184674	20.267	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	238256	21.133	ng/ul 100
14) Acetophenone	8.55	105	312840	20.871	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.53	70	151640	20.176	ng/ul 96
16) 4-Methylphenol	8.50	108	199099	20.608	ng/ul 99
17) Hexachloroethane	8.79	117	93754	20.746	ng/ul 96
20) Nitrobenzene	8.93	77	233371	19.989	ng/ul 98
21) Isophorone	9.45	82	417505	20.176	ng/ul 99
23) 2-Nitrophenol	9.64	139	114261	19.467	ng/ul 96
24) 2,4-Dimethylphenol	9.69	107	232202	20.333	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.93	93	260783	20.204	ng/ul 98
27) 2,4-Dichlorophenol	10.16	162	213587	19.863	ng/ul 99
28) Naphthalene	10.56	128	666022	20.224	ng/ul 99
30) 4-Chloroaniline	10.69	127	240412	23.665	ng/ul 97
31) Hexachlorobutadiene	10.83	225	163129	20.527	ng/ul 99
32) Caprolactam	11.49	113	64224	22.887	ng/ul 95
33) 4-Chloro-3-methylphenol	11.81	107	204163	20.398	ng/ul 98
34) 2-Methylnaphthalene	12.17	142	487901	20.099	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	293201	20.342	ng/ul	99
37) Hexachlorocyclopentadiene	12.51	237	140395	19.147	ng/ul	99
38) 2,4,6-Trichlorophenol	12.80	196	172429	20.102	ng/ul	95
39) 2,4,5-Trichlorophenol	12.87	196	184368	20.279	ng/ul	98
40) 1,1'-Biphenyl	13.20	154	631338	20.354	ng/ul	99
41) 2-Chloronaphthalene	13.24	162	511183	20.564	ng/ul	99
42) 2-Nitroaniline	13.46	65	103667	19.085	ng/ul	95
44) Dimethylphthalate	13.83	163	607912	20.113	ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	105916	19.244	ng/ul	97
47) Acenaphthylene	14.09	152	725162	20.452	ng/ul	99
48) 3-Nitroaniline	14.30	138	92364	18.655	ng/ul	99
49) Acenaphthene	14.43	153	526403	20.432	ng/ul	99
50) 2,4-Dinitrophenol	14.51	184	47783	14.436	ng/ul	97
52) 4-Nitrophenol	14.60	109	70380	18.369	ng/ul	99
53) Dibenzofuran	14.77	168	756979	20.283	ng/ul	97
54) 2,4-Dinitrotoluene	14.76	165	165579	19.615	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.00	232	161275	19.904	ng/ul	99
56) Diethylphthalate	15.20	149	578961	19.952	ng/ul	99
58) Fluorene	15.42	166	608033	20.137	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.42	204	341439	20.234	ng/ul	99
60) 4-Nitroaniline	15.46	138	93712	18.434	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.52	198	95083	16.852	ng/ul	99
64) N-Nitrosodiphenylamine	15.64	169	515618	20.544	ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	213781	20.480	ng/ul	98
66) Hexachlorobenzene	16.42	284	252275	20.328	ng/ul	98
67) Atrazine	16.60	200	217082	23.412	ng/ul	99
68) Pentachlorophenol	16.77	266	124986	19.105	ng/ul	99
69) Phenanthrene	17.16	178	963187	20.247	ng/ul	100
71) Anthracene	17.26	178	978686	20.213	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	287038	20.754	ng/ul	98
73) Pentachlorobenzene	14.69	250	304593	21.379	ng/ul	99
74) Carbazole	17.53	167	806542	20.069	ng/ul	100
75) Di-n-butylphthalate	18.09	149	901929	19.589	ng/ul	99
76) Fluoranthene	19.18	202	1121412	19.852	ng/ul	99
79) Pvrene	19.55	202	1154467	20.397	ng/ul	100
80) Butylbenzylphthalate	20.45	149	387110	19.308	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.24	252	358494	18.853	ng/ul	100
82) Benzo(a)anthracene	21.30	228	1181269	20.170	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.22	149	570040	19.329	ng/ul	100
84) Chrysene	21.35	228	1131246	20.547	ng/ul	100
86) Di-n-octyl phthalate	22.10	149	971802	18.901	ng/ul	100
87) Benzo(b)fluoranthene	22.89	252	1251926	21.108	ng/ul	100
88) Benzo(k)fluoranthene	22.93	252	1161462	19.660	ng/ul	99
90) Benzo(a)pyrene	23.47	252	1154191	20.147	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.84	276	1451890	20.517	ng/ul	100
92) Dibenzo(a,h)anthracene	25.86	278	1210476	20.348	ng/ul	99
93) Benzo(g,h,i)perylene	26.54	276	1191940	20.416	ng/ul	99

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

