

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072419\
 Data File : BM021630.D
 Acq On : 24 Jul 2019 17:51
 Operator : HP/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02039

Quant Time: Jul 24 18:28:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 01:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	95422	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	446643	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	311253	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	817580	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1031911	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	1214501	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	13531	7.73	ng/uL	0.00
5) Phenol-d5	6.88	99	142216	17.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	82092	17.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	114869	18.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	122836	17.77	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	59128	17.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	59357	16.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	139613	17.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	156615	20.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	465164	17.44	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	576151	17.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	70491	15.41	ng/ul	0.00
57) Fluorene-d10	15.34	176	417695	17.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	72333	14.13	ng/ul	0.00
70) Anthracene-d10	17.20	188	717358	17.83	ng/ul	0.00
78) Pyrene-d10	19.50	212	864518	17.17	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	1084159	16.72	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.28	88	14780	7.443	ng/uL 94
4) Benzaldehyde	6.86	77	71783	21.042	ng/ul 99
6) Phenol	6.90	94	145107	18.636	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.14	93	110304	19.155	ng/ul 93
10) 2-Chlorophenol	7.27	128	115592	18.883	ng/ul 93
11) 2-Methylphenol	8.15	108	112710	18.504	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	149174	19.557	ng/ul 98
14) Acetophenone	8.53	105	206918	19.942	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.51	70	97751	19.150	ng/ul 97
16) 4-Methylphenol	8.47	108	126974	18.876	ng/ul 97
17) Hexachloroethane	8.76	117	52432	19.236	ng/ul 99
20) Nitrobenzene	8.91	77	155636	19.044	ng/ul 98
21) Isophorone	9.43	82	287289	18.516	ng/ul 100
23) 2-Nitrophenol	9.61	139	68141	18.477	ng/ul 99
24) 2,4-Dimethylphenol	9.67	107	153382	18.991	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.91	93	170752	18.666	ng/ul 99
27) 2,4-Dichlorophenol	10.14	162	138236	18.701	ng/ul 99
28) Naphthalene	10.53	128	427676	18.895	ng/ul 99
30) 4-Chloroaniline	10.66	127	165110	22.071	ng/ul 99
31) Hexachlorobutadiene	10.80	225	99552	19.073	ng/ul 99
32) Caprolactam	11.46	113	48861	21.159	ng/ul 94
33) 4-Chloro-3-methylphenol	11.79	107	147620	18.715	ng/ul 98
34) 2-Methylnaphthalene	12.15	142	327729	18.726	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	200568	18.683	ng/ul	97
37) Hexachlorocyclopentadiene	12.48	237	83445	16.224	ng/ul	98
38) 2,4,6-Trichlorophenol	12.77	196	117509	17.823	ng/ul	99
39) 2,4,5-Trichlorophenol	12.84	196	131267	18.293	ng/ul	99
40) 1,1'-Biphenyl	13.17	154	448635	18.622	ng/ul	98
41) 2-Chloronaphthalene	13.22	162	357056	18.575	ng/ul	99
42) 2-Nitroaniline	13.44	65	75176	17.493	ng/ul	97
44) Dimethylphthalate	13.81	163	473685	18.502	ng/ul	99
45) 2,6-Dinitrotoluene	13.94	165	75626	17.816	ng/ul	99
47) Acenaphthylene	14.07	152	532130	18.488	ng/ul	99
48) 3-Nitroaniline	14.27	138	66022	15.696	ng/ul	92
49) Acenaphthene	14.41	153	390398	18.493	ng/ul	96
50) 2,4-Dinitrophenol	14.49	184	34014	12.512	ng/ul	97
52) 4-Nitrophenol	14.59	109	65016	17.992	ng/ul	100
53) Dibenzofuran	14.74	168	586924	18.831	ng/ul	97
54) 2,4-Dinitrotoluene	14.73	165	136911	18.984	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.98	232	125196	18.312	ng/ul	98
56) Diethylphthalate	15.18	149	455933	18.374	ng/ul	99
58) Fluorene	15.40	166	479445	18.598	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	264356	18.449	ng/ul	98
60) 4-Nitroaniline	15.44	138	68728	14.969	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.50	198	77992	15.409	ng/ul	98
64) N-Nitrosodiphenylamine	15.62	169	410018	18.455	ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	167993	18.310	ng/ul	98
66) Hexachlorobenzene	16.40	284	203798	18.207	ng/ul	100
67) Atrazine	16.57	200	169712	20.588	ng/ul	99
68) Pentachlorophenol	16.75	266	103167	16.197	ng/ul	98
69) Phenanthrene	17.14	178	828576	18.575	ng/ul	99
71) Anthracene	17.23	178	850319	18.849	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	199626	18.236	ng/ul	100
73) Pentachlorobenzene	14.66	250	232851	18.898	ng/ul	98
74) Carbazole	17.52	167	722994	18.687	ng/ul	100
75) Di-n-butylphthalate	18.07	149	724919	17.835	ng/ul	99
76) Fluoranthene	19.16	202	1041384	18.833	ng/ul	99
79) Pvrene	19.53	202	1111280	18.079	ng/ul	100
80) Butylbenzylphthalate	20.43	149	315589	16.367	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.22	252	323229	15.913	ng/ul	98
82) Benzo(a)anthracene	21.28	228	1255047	18.553	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.20	149	464619	16.475	ng/ul	98
84) Chrysene	21.33	228	1205091	18.680	ng/ul	99
86) Di-n-octyl phthalate	22.09	149	879081	16.006	ng/ul	100
87) Benzo(b)fluoranthene	22.86	252	1348686	18.368	ng/ul	99
88) Benzo(k)fluoranthene	22.91	252	1343301	18.649	ng/ul	99
90) Benzo(a)pyrene	23.44	252	1319391	18.713	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.80	276	1632803	19.070	ng/ul	99
92) Dibenzo(a,h)anthracene	25.81	278	1374777	19.091	ng/ul	99
93) Benzo(g,h,i)perylene	26.49	276	1335035	19.252	ng/ul	100

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

