

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
 Data File : BM021031.D
 Acq On : 19 Jun 2019 02:46
 Operator : HP/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02003

Manual Integrations
 APPROVED

mohammad
 6/20/2019 8:33:45 AM

Quant Time: Jun 19 03:44:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 19 00:56:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	309503	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1388378	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	917653	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2241245	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	2132424	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	1970601	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	47510	7.29	ng/uL	0.00
5) Phenol-d5	6.95	99	552233	20.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	330185	20.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	450664	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	467591	20.79	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	230951	20.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	263301	21.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	547271	21.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	606049	22.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1735609	20.93	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2111469	20.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	288239	21.37	ng/ul	0.00
57) Fluorene-d10	15.42	176	1505026	20.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	255954	18.58	ng/ul	0.00
70) Anthracene-d10	17.27	188	2392157	20.54	ng/ul	0.00
78) Pyrene-d10	19.56	212	2613920	20.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.48	264	2373386	20.41	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.33	88	48463	7.348	ng/uL 97
4) Benzaldehyde	6.94	77	250915	20.430	ng/ul 100
6) Phenol	6.98	94	525660	20.630	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.22	93	396459	20.386	ng/ul 99
10) 2-Chlorophenol	7.35	128	423694	20.539	ng/ul 98
11) 2-Methylphenol	8.23	108	405126	20.549	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.32	45	515696	20.766	ng/ul 98
14) Acetophenone	8.61	105	684212	21.141	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.60	70	356678	21.175	ng/ul 99
16) 4-Methylphenol	8.55	108	447830	20.873	ng/ul 100
17) Hexachloroethane	8.86	117	172313	20.040	ng/ul 97
20) Nitrobenzene	8.99	77	511744	20.206	ng/ul 99
21) Isophorone	9.52	82	999900	20.964	ng/ul 99
23) 2-Nitrophenol	9.70	139	263074	20.906	ng/ul 98
24) 2,4-Dimethylphenol	9.75	107	528294	20.550	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.99	93	599135	20.384	ng/ul 99
27) 2,4-Dichlorophenol	10.22	162	485305	20.950	ng/ul 99
28) Naphthalene	10.63	128	1445015	20.272	ng/ul 100
30) 4-Chloroaniline	10.75	127	570307	22.847	ng/ul 100
31) Hexachlorobutadiene	10.90	225	317732	20.130	ng/ul 97
32) Caprolactam	11.53	113	147770m	22.691	ng/ul
33) 4-Chloro-3-methylphenol	11.86	107	512163	21.686	ng/ul 98
34) 2-Methylnaphthalene	12.24	142	1132019	20.712	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	657940	20.084	ng/ul	98
37) Hexachlorocyclopentadiene	12.57	237	345609	17.733	ng/ul	96
38) 2,4,6-Trichlorophenol	12.85	196	433591	21.298	ng/ul	100
39) 2,4,5-Trichlorophenol	12.92	196	464588	21.364	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	1519741	20.076	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	1206762	20.178	ng/ul	99
42) 2-Nitroaniline	13.51	65	319819	22.004	ng/ul	96
44) Dimethylphthalate	13.89	163	1561299	20.685	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	320362	22.238	ng/ul	96
47) Acenaphthylene	14.15	152	1800020	20.713	ng/ul	99
48) 3-Nitroaniline	14.35	138	287038	22.761	ng/ul	99
49) Acenaphthene	14.49	153	1295219	20.330	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	127664	17.640	ng/ul	96
52) 4-Nitrophenol	14.65	109	214658	21.517	ng/ul	96
53) Dibenzofuran	14.83	168	1870381	20.619	ng/ul	98
54) 2,4-Dinitrotoluene	14.80	165	472738	22.613	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.05	232	422508	22.281	ng/ul	99
56) Diethylphthalate	15.25	149	1562054	21.450	ng/ul	99
58) Fluorene	15.47	166	1552222	21.061	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	839547	20.893	ng/ul	99
60) 4-Nitroaniline	15.51	138	312604	23.320	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.56	198	257282	18.603	ng/ul	99
64) N-Nitrosodiphenylamine	15.69	169	1342861	19.784	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	548738	19.966	ng/ul	99
66) Hexachlorobenzene	16.47	284	634984	20.159	ng/ul	97
67) Atrazine	16.65	200	517125	20.999	ng/ul	98
68) Pentachlorophenol	16.82	266	346421	21.933	ng/ul	97
69) Phenanthrene	17.22	178	2538195	20.477	ng/ul	99
71) Anthracene	17.31	178	2603941	20.615	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.22	216	663928	18.831	ng/ul	98
73) Pentachlorobenzene	14.74	250	698146	19.244	ng/ul	100
74) Carbazole	17.58	167	2230674	21.428	ng/ul	100
75) Di-n-butylphthalate	18.14	149	2735578	21.887	ng/ul	99
76) Fluoranthene	19.23	202	3033395	22.649	ng/ul	99
79) Pvrene	19.59	202	3090727	20.502	ng/ul	99
80) Butylbenzylphthalate	20.49	149	1239743	22.216	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.27	252	940353	19.675	ng/ul	99
82) Benzo(a)anthracene	21.34	228	2925541	20.123	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.26	149	1770494	22.283	ng/ul	98
84) Chrysene	21.39	228	2724789	20.012	ng/ul	99
86) Di-n-octyl phthalate	22.15	149	2814551	24.787	ng/ul	100
87) Benzo(b)fluoranthene	22.94	252	2593796	20.779	ng/ul	100
88) Benzo(k)fluoranthene	22.99	252	2571384	21.412	ng/ul	99
90) Benzo(a)pyrene	23.53	252	2381521	20.270	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.93	276	2622528	18.956	ng/ul	99
92) Dibenzo(a,h)anthracene	25.94	278	2203371	18.932	ng/ul	99
93) Benzo(g,h,i)perylene	26.63	276	2116631	18.576	ng/ul	98

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

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