

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100119\
 Data File : BM022855.D
 Acq On : 01 Oct 2019 15:37
 Operator : JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02008

Manual Integrations
 APPROVED

mohammad
 10/2/2019 3:57:52 PM

Quant Time: Oct 02 01:13:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	205922	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	931157	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.44	164	579422	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	1110657	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	818257	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	808024	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	38270	8.04	ng/uL	0.00
5) Phenol-d5	6.97	99	344175	18.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	200825	20.17	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	277316	18.93	ng/ul	-0.01
13) 4-Methylphenol-d8	8.51	113	281727	18.91	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	134819	18.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	145906	18.59	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	291616	18.66	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	327212	17.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	838686	18.65	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	995365	19.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	152873	17.20	ng/ul	-0.01
58) Fluorene-d10	15.43	176	706957	18.45	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	123688	17.11	ng/ul	-0.01
71) Anthracene-d10	17.27	188	1034117	19.07	ng/ul	-0.01
79) Pyrene-d10	19.57	212	984246	22.35	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.48	264	780956	18.68	ng/ul	-0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.30	88	38095	8.088	ng/uL 92
4) Benzaldehyde	6.95	77	126093	15.292	ng/ul 99
6) Phenol	6.99	94	362977	19.030	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.23	93	283871	19.679	ng/ul 99
10) 2-Chlorophenol	7.37	128	297260	18.914	ng/ul 98
11) 2-Methylphenol	8.24	108	279878	19.038	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	406192	21.296	ng/ul 98
14) Acetophenone	8.62	105	448095	19.677	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.61	70	234686	20.065	ng/ul 99
16) 4-Methylphenol	8.57	108	311335	19.153	ng/ul 99
17) Hexachloroethane	8.88	117	117288	19.637	ng/ul 95
20) Nitrobenzene	9.00	77	325934	19.429	ng/ul 99
21) Isophorone	9.53	82	647330	19.588	ng/ul 99
23) 2-Nitrophenol	9.71	139	169057	18.837	ng/ul 100
24) 2,4-Dimethylphenol	9.77	107	335445	19.196	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.00	93	409471	19.427	ng/ul 99
27) 2,4-Dichlorophenol	10.24	162	296049	18.721	ng/ul 99
28) Naphthalene	10.65	128	963841	19.166	ng/ul 100
30) 4-Chloroaniline	10.75	127	347850	17.400	ng/ul 100
31) Hexachlorobutadiene	10.94	225	177591	18.561	ng/ul 99
32) Caprolactam	11.53	113	88463m	17.277	ng/ul
33) 4-Chloro-3-methylphenol	11.87	107	308267	18.934	ng/ul 99
34) 2-Methylnaphthalene	12.26	142	716285	18.998	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.48	142	682648	18.957	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.63	216	362332	19.060	ng/ul	98
38) Hexachlorocyclopentadiene	12.62	237	287199	24.104	ng/ul	100
39) 2,4,6-Trichlorophenol	12.87	196	236960	18.794	ng/ul	100
40) 2,4,5-Trichlorophenol	12.94	196	253780	18.455	ng/ul	99
41) 1,1'-Biphenyl	13.27	154	921136	19.416	ng/ul	100
42) 2-Chloronaphthalene	13.31	162	698260	19.251	ng/ul	99
43) 2-Nitroaniline	13.51	65	187288	19.911	ng/ul	94
45) Dimethylphthalate	13.89	163	862091	18.662	ng/ul	99
46) 2,6-Dinitrotoluene	14.01	165	171278	18.595	ng/ul	97
48) Acenaphthylene	14.16	152	1077060	19.216	ng/ul	100
49) 3-Nitroaniline	14.33	138	156469	17.513	ng/ul	97
50) Acenaphthene	14.50	153	745379	19.090	ng/ul	100
51) 2,4-Dinitrophenol	14.54	184	99905	16.995	ng/ul	95
53) 4-Nitrophenol	14.64	109	112665	17.350	ng/ul	98
54) Dibenzofuran	14.84	168	1044253	18.726	ng/ul	100
55) 2,4-Dinitrotoluene	14.80	165	247969	18.247	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.06	232	213679	17.661	ng/ul	95
57) Diethylphthalate	15.26	149	861162	18.568	ng/ul	100
59) Fluorene	15.49	166	848400	18.827	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.48	204	422543	18.498	ng/ul	96
61) 4-Nitroaniline	15.50	138	168754	16.720	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.56	198	141469	17.502	ng/ul	98
65) N-Nitrosodiphenylamine	15.69	169	735546	20.149	ng/ul	99
66) 4-Bromophenyl-phenylether	16.37	248	264522	19.743	ng/ul	99
67) Hexachlorobenzene	16.49	284	290941	19.475	ng/ul	98
68) Atrazine	16.64	200	247900	18.574	ng/ul	99
69) Pentachlorophenol	16.83	266	170404	17.583	ng/ul	99
70) Phenanthrene	17.22	178	1267616	19.123	ng/ul	99
72) Anthracene	17.31	178	1292191	19.132	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.24	216	358131	20.662	ng/uL	99
74) Pentachlorobenzene	14.76	250	349753	20.216	ng/uL	99
75) Carbazole	17.57	167	1145081	19.076	ng/ul	99
76) Di-n-butylphthalate	18.14	149	1374371	19.419	ng/ul	100
77) Fluoranthene	19.23	202	1325636	17.782	ng/ul	98
80) Pyrene	19.60	202	1336557	23.042	ng/ul	98
81) Butylbenzylphthalate	20.50	149	509088	21.341	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.27	252	323211	17.340	ng/ul	99
83) Benzo(a)anthracene	21.34	228	1127548	19.193	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.28	149	692575	20.433	ng/ul	100
85) Chrysene	21.39	228	1043073	19.258	ng/ul	100
87) Di-n-octyl phthalate	22.16	149	1040357	18.932	ng/ul	100
88) Benzo(b)fluoranthene	22.94	252	990662	18.475	ng/ul	100
89) Benzo(k)fluoranthene	22.99	252	965842	18.827	ng/ul	99
91) Benzo(a)pyrene	23.53	252	944793	18.780	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.92	276	1110917	20.790	ng/ul	99
93) Dibenzo(a,h)anthracene	25.93	278	929027	20.783	ng/ul	99
94) Benzo(g,h,i)perylene	26.62	276	923353	21.419	ng/ul	99

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

