

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102119\
 Data File : BM023313.D
 Acq On : 21 Oct 2019 13:16
 Operator : JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02023

Quant Time: Oct 21 17:52:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 21 14:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	326299	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1304869	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	811868	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1681632	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1833282	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2304317	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	63048	8.50	ng/uL	0.00
5) Phenol-d5	6.82	99	509917	17.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	298276	18.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	406816	18.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	388961	17.04	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	188441	21.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	198593	23.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	404796	18.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	394804	15.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1149776	18.48	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1351906	18.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	207404	20.59	ng/ul	0.00
58) Fluorene-d10	15.29	176	983436	18.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	169977	25.49	ng/ul	0.00
71) Anthracene-d10	17.13	188	1555447	19.18	ng/ul	0.00
79) Pyrene-d10	19.43	212	1717544	19.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	2225980	19.06	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.20	88	64348	8.304	ng/uL# 85
4) Benzaldehyde	6.79	77	366845	19.645	ng/ul 94
6) Phenol	6.85	94	526650	17.970	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.07	93	407924	18.876	ng/ul 99
10) 2-Chlorophenol	7.22	128	428317	18.842	ng/ul 96
11) 2-Methylphenol	8.09	108	386688	17.212	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.18	45	570388	18.081	ng/ul 100
14) Acetophenone	8.46	105	626925	17.617	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.46	70	327842	16.678	ng/ul 98
16) 4-Methylphenol	8.42	108	420267	17.204	ng/ul 98
17) Hexachloroethane	8.72	117	178163	19.716	ng/ul 96
20) Nitrobenzene	8.83	77	465680	19.742	ng/ul 99
21) Isophorone	9.37	82	853592	16.823	ng/ul 98
23) 2-Nitrophenol	9.55	139	224783	23.233	ng/ul 99
24) 2,4-Dimethylphenol	9.62	107	470152	18.282	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.85	93	535142	18.991	ng/ul 99
27) 2,4-Dichlorophenol	10.08	162	396530	18.983	ng/ul 97
28) Naphthalene	10.47	128	1298590	19.254	ng/ul 99
30) 4-Chloroaniline	10.59	127	415847	15.454	ng/ul 98
31) Hexachlorobutadiene	10.77	225	271298	19.280	ng/ul 98
32) Caprolactam	11.35	113	121925	16.256	ng/ul 95
33) 4-Chloro-3-methylphenol	11.72	107	422465	17.650	ng/ul 99
34) 2-Methylnaphthalene	12.10	142	937813	18.686	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	899585	18.521	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	509421	19.398	ng/ul	98
38) Hexachlorocyclopentadiene	12.46	237	301608	18.979	ng/ul	98
39) 2,4,6-Trichlorophenol	12.72	196	325702	20.169	ng/ul	97
40) 2,4,5-Trichlorophenol	12.79	196	342554	19.732	ng/ul	99
41) 1,1'-Biphenyl	13.12	154	1205090	19.508	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	932818	19.498	ng/ul	99
43) 2-Nitroaniline	13.36	65	254386	22.690	ng/ul	93
45) Dimethylphthalate	13.76	163	1156020	18.564	ng/ul	100
46) 2,6-Dinitrotoluene	13.87	165	220345	22.536	ng/ul	93
48) Acenaphthylene	14.01	152	1408986	18.885	ng/ul	99
49) 3-Nitroaniline	14.19	138	180411	17.124	ng/ul#	96
50) Acenaphthene	14.36	153	990704	19.069	ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	119521	26.836	ng/ul	96
53) 4-Nitrophenol	14.51	109	174708	19.256	ng/ul	92
54) Dibenzofuran	14.69	168	1414077	19.173	ng/ul	99
55) 2,4-Dinitrotoluene	14.66	165	324621	22.698	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.92	232	309405	20.472	ng/ul	97
57) Diethylphthalate	15.13	149	1162878	18.285	ng/ul	100
59) Fluorene	15.34	166	1138323	18.812	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.34	204	591673	18.721	ng/ul	97
61) 4-Nitroaniline	15.35	138	205467	16.209	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.42	198	191308	24.507	ng/ul	99
65) N-Nitrosodiphenylamine	15.56	169	998887	19.247	ng/ul	100
66) 4-Bromophenyl-phenylether	16.24	248	397513	19.581	ng/ul	97
67) Hexachlorobenzene	16.35	284	459012	19.936	ng/ul	97
68) Atrazine	16.52	200	369121	18.583	ng/ul	99
69) Pentachlorophenol	16.69	266	271413	21.045	ng/ul	99
70) Phenanthrene	17.08	178	1831604	19.408	ng/ul	99
72) Anthracene	17.17	178	1893881	19.420	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	489667	20.052	ng/uL	99
74) Pentachlorobenzene	14.62	250	511717	20.114	ng/uL	99
75) Carbazole	17.44	167	1697214	19.481	ng/ul	99
76) Di-n-butylphthalate	18.03	149	1994357	19.237	ng/ul	99
77) Fluoranthene	19.10	202	2194948	19.556	ng/ul	99
80) Pvrene	19.46	202	2239018	19.496	ng/ul	99
81) Butylbenzylphthalate	20.39	149	953943	23.882	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.15	252	735771	16.568	ng/ul	99
83) Benzo(a)anthracene	21.22	228	2357972	18.982	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	1381472	21.750	ng/ul	99
85) Chrysene	21.27	228	2224521	19.286	ng/ul	100
87) Di-n-octyl phthalate	22.05	149	2430650	20.446	ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	2651474	18.978	ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	2546528	18.982	ng/ul	100
91) Benzo(a)pyrene	23.34	252	2550191	19.026	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.64	276	3230427	20.259	ng/ul	98
93) Dibenzo(a,h)anthracene	25.66	278	2708482	20.314	ng/ul	100
94) Benzo(a,h,i)perylene	26.31	276	2680015	20.413	ng/ul	98

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

