

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
 Data File : BM019595.D
 Acq On : 30 Mar 2019 00:28
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02084

Manual Integrations
 APPROVED

Sohil
 4/1/2019 5:48:43 PM

Quant Time: Mar 30 01:08:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 29 14:33:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	127049	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	586136	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	337836	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	747187	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	918023	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	1148884	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	22493	6.93	ng/uL	0.00
5) Phenol-d5	6.76	99	227214	20.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	149523	19.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	175691	20.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	177659	20.92	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	80268	19.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	90547	19.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	171945	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	216247	20.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	516876	18.96	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	648489	19.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	78753	18.43	ng/ul	0.00
58) Fluorene-d10	15.24	176	443143	18.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	80028	16.20	ng/ul	0.00
71) Anthracene-d10	17.10	188	674194	18.80	ng/ul	0.00
79) Pyrene-d10	19.40	212	741804	17.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	1143806	18.78	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.15	88	25057	6.786	ng/uL 93
4) Benzaldehyde	6.75	77	173358	21.391	ng/ul 93
6) Phenol	6.79	94	239711	20.304	ng/ul 95
8) Bis(2-Chloroethyl)ether	7.02	93	176708	19.565	ng/ul 94
10) 2-Chlorophenol	7.14	128	180571	20.715	ng/ul 97
11) 2-Methylphenol	8.03	108	170200	20.671	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.10	45	179109m	20.921	ng/ul
14) Acetophenone	8.41	105	276057	19.960	ng/ul 91
15) N-Nitroso-di-n-propylamine	8.39	70	163772	21.131	ng/ul# 87
16) 4-Methylphenol	8.36	108	185803	20.575	ng/ul 97
17) Hexachloroethane	8.63	117	71017	19.385	ng/ul# 79
20) Nitrobenzene	8.79	77	232548	18.684	ng/ul 97
21) Isophorone	9.30	82	419166	19.631	ng/ul 96
23) 2-Nitrophenol	9.49	139	100359	19.551	ng/ul 95
24) 2,4-Dimethylphenol	9.55	107	214326	19.214	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.79	93	242970	18.858	ng/ul 99
27) 2,4-Dichlorophenol	10.02	162	167267	19.278	ng/ul# 94
28) Naphthalene	10.40	128	572849	18.866	ng/ul 98
30) 4-Chloroaniline	10.55	127	220358	19.850	ng/ul 97
31) Hexachlorobutadiene	10.66	225	98222	17.944	ng/ul 99
32) Caprolactam	11.36	113	53509m	20.770	ng/ul
33) 4-Chloro-3-methylphenol	11.67	107	191995	20.528	ng/ul 98
34) 2-Methylnaphthalene	12.03	142	407316	19.144	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.25	142	386137	19.221	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.40	216	185872	17.290	ng/ul#	95
38) Hexachlorocyclopentadiene	12.36	237	99238	17.997	ng/ul#	98
39) 2,4,6-Trichlorophenol	12.66	196	124998	18.637	ng/ul	98
40) 2,4,5-Trichlorophenol	12.74	196	135047	18.775	ng/ul	99
41) 1,1'-Biphenyl	13.06	154	519667	18.060	ng/ul#	96
42) 2-Chloronaphthalene	13.10	162	407115	18.475	ng/ul	98
43) 2-Nitroaniline	13.34	65	124754	20.615	ng/ul	87
45) Dimethylphthalate	13.70	163	519095	18.979	ng/ul#	98
46) 2,6-Dinitrotoluene	13.84	165	97892	19.497	ng/ul	89
48) Acenaphthylene	13.96	152	648319	19.191	ng/ul	99
49) 3-Nitroaniline	14.18	138	99412	20.234	ng/ul	96
50) Acenaphthene	14.30	153	441457	18.554	ng/ul	100
51) 2,4-Dinitrophenol	14.40	184	41277	14.198	ng/ul#	75
53) 4-Nitrophenol	14.49	109	64177	19.190	ng/ul	84
54) Dibenzofuran	14.64	168	626183	18.846	ng/ul	100
55) 2,4-Dinitrotoluene	14.64	165	153098	20.591	ng/ul#	51
56) 2,3,4,6-Tetrachlorophenol	14.87	232	113185	18.680	ng/ul#	74
57) Diethylphthalate	15.07	149	526558	19.573	ng/ul	95
59) Fluorene	15.29	166	502565	19.087	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.29	204	237803	18.104	ng/ul#	89
61) 4-Nitroaniline	15.35	138	108123	20.160	ng/ul#	93
64) 4,6-Dinitro-2-methylphenol	15.40	198	85302	16.306	ng/ul#	82
65) N-Nitrosodiphenylamine	15.51	169	436645	18.784	ng/ul	98
66) 4-Bromophenyl-phenylether	16.19	248	142876	17.608	ng/ul#	92
67) Hexachlorobenzene	16.29	284	176925	18.007	ng/ul#	88
68) Atrazine	16.47	200	148432	18.246	ng/ul	95
69) Pentachlorophenol	16.65	266	89934	17.512	ng/ul	97
70) Phenanthrene	17.04	178	792709	18.712	ng/ul	100
72) Anthracene	17.13	178	812029	18.788	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	182905	16.884	ng/uL	98
74) Pentachlorobenzene	14.55	250	194390	17.156	ng/uL	97
75) Carbazole	17.42	167	741123	19.120	ng/ul	97
76) Di-n-butylphthalate	17.96	149	879563	20.472	ng/ul	99
77) Fluoranthene	19.06	202	918388	18.918	ng/ul#	84
80) Pyrene	19.43	202	963524	17.446	ng/ul#	83
81) Butylbenzylphthalate	20.34	149	438402	20.048	ng/ul#	88
82) 3,3'-Dichlorobenzidine	21.13	252	400387	20.076	ng/ul#	98
83) Benzo(a)anthracene	21.19	228	1053640	19.069	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.11	149	667013	21.044	ng/ul#	95
85) Chrysene	21.24	228	996603	18.797	ng/ul	99
87) Di-n-octyl phthalate	21.98	149	1252816	17.482	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	1228463	17.554	ng/ul#	97
89) Benzo(k)fluoranthene	22.79	252	1229560	18.296	ng/ul#	96
91) Benzo(a)pyrene	23.31	252	1244634	18.604	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.62	276	1659850	19.813	ng/ul#	86
93) Dibenzo(a,h)anthracene	25.63	278	1419221	19.871	ng/ul#	95
94) Benzo(g,h,i)perylene	26.30	276	1300493	18.576	ng/ul#	92

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

