Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021493.D
Acq On : 17 Jul 2019 17:22
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02043

Quant Time: Jul 17 18:31:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 12 05:46:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	155854	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	611704	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	350638	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	774493	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	777824	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	858363	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	25627	8.10	ng/uL	0.00
5) Phenol-d5	6.90	99	230630	19.03	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	134567	18.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	198427	19.02	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	185565	19.22	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	91901	18.24	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	100533	17.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	213548	18.79	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.66	131	231141	22.50	ng/ul	-0.01
43) Dimethylphthalate-d6	13.78	166	565133	18.40	ng/ul	-0.01
46) Acenaphthylene-d8	14.06	160	740512	19.20	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.59	143	77499	15.93	ng/ul	0.00
57) Fluorene-d10	15.36	176	505271	18.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	82807	15.90	ng/ul	0.00
70) Anthracene-d10	17.22	188	767788	19.09	ng/ul	-0.01
78) Pyrene-d10	19.52	212	824796	19.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	893593	18.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	24984	7.513	ng/uL	97
4) Benzaldehyde	6.89	77	165222	25.254	ng/ul	97
6) Phenol	6.93	94	233191	20.104	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.16	93	183989	20.516	ng/ul	97
10) 2-Chlorophenol	7.29	128	198811	19.833	ng/ul	97
11) 2-Methylphenol	8.17	108	178397	20.184	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.26	45	234900	21.480	ng/ul	99
14) Acetophenone	8.55	105	299027	20.568	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.53	70	145672	19.982	ng/ul	96
16) 4-Methylphenol	8.49	108	189958	20.271	ng/ul	92
17) Hexachloroethane	8.79	117	91280	20.824	ng/ul	99
20) Nitrobenzene	8.93	77	227529	20.160	ng/ul	98
21) Isophorone	9.45	82	399612	19.977	ng/ul	99
23) 2-Nitrophenol	9.63	139	110852	19.537	ng/ul	98
24) 2,4-Dimethylphenol	9.69	107	221392	20.055	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.93	93	251457	20.153	ng/ul	100
27) 2,4-Dichlorophenol	10.16	162	204484	19.672	ng/ul	99
28) Naphthalene	10.56	128	644471	20.244	ng/ul	99
30) 4-Chloroaniline	10.69	127	228967	23.316	ng/ul	98
31) Hexachlorobutadiene	10.82	225	156013	20.309	ng/ul	99
32) Caprolactam	11.49	113	57949	21.363	ng/ul	96
33) 4-Chloro-3-methylphenol	11.80	107	189111	19.545	ng/ul	99
34) 2-Methylnaphthalene	12.17	142	467393	19.918	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.54	216	282845	20.741 ng/ul	99
37) Hexachlorocyclopentadiene	12.51	237	137589	19.833 ng/ul#	97
38) 2,4,6-Trichlorophenol	12.79	196	163028	20.089 ng/ul	97
39) 2,4,5-Trichlorophenol	12.87	196	172622	20.068 ng/ul	98
40) 1,1'-Biphenyl	13.20	154	597149	20.348 ng/ul	99
41) 2-Chloronaphthalene	13.24	162	482891	20.532 ng/ul	99
42) 2-Nitroaniline	13.46	65	94131	18.317 ng/ul	98
44) Dimethylphthalate	13.83	163	566681	19.817 ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	96322	18.498 ng/ul	99
47) Acenaphthylene	14.09	152	683593	20.378 ng/ul	99
48) 3-Nitroaniline	14.29	138	84534	18.046 ng/ul	95
49) Acenaphthene	14.43	153	492594	20.209 ng/ul	99
50) 2,4-Dinitrophenol	14.51	184	42364	13.528 ng/ul	95
52) 4-Nitrophenol	14.60	109	63891	17.626 ng/ul	97
53) Dibenzofuran	14.77	168	710278	20.115 ng/ul	97
54) 2,4-Dinitrotoluene	14.75	165	151387	18.955 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.00	232	148261	19.340 ng/ul#	98
56) Diethylphthalate	15.20	149	531110	19.345 ng/ul	99
58) Fluorene	15.42	166	568041	19.884 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.42	204	320194	20.056 ng/ul	99
60) 4-Nitroaniline	15.46	138	81511	16.947 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.52	198	85155	16.441 ng/ul	99
64) N-Nitrosodiphenylamine	15.63	169	480842	20.870 ng/ul	98
65) 4-Bromophenyl-phenylether	16.31	248	194684	20.317 ng/ul	96
66) Hexachlorobenzene	16.42	284	233971	20.537 ng/ul	98
67) Atrazine	16.59	200	194176	22.813 ng/ul	99
68) Pentachlorophenol	16.77	266	112688	18.765 ng/ul	99
69) Phenanthrene	17.16	178	887729	20.328 ng/ul	100
71) Anthracene	17.26	178	902069	20.295 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	273295	21.526 ng/uL	100
73) Pentachlorobenzene	14.68	250	286685	21.920 ng/uL	99
74) Carbazole	17.53	167	722560	19.585 ng/ul	99
75) Di-n-butylphthalate	18.09	149	798870	18.901 ng/ul	99
76) Fluoranthene	19.18	202	1017668	19.625 ng/ul	99
79) Pyrene	19.55	202	1057514	20.543 ng/ul	99
80) Butylbenzylphthalate	20.45	149	325059	17.826 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.24	252	315594	18.248 ng/ul	99
82) Benzo(a)anthracene	21.30	228	1081427	20.302 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.22	149	489706	18.257 ng/ul	99
84) Chrysene	21.35	228	1028989	20.549 ng/ul	100
86) Di-n-octyl phthalate	22.11	149	844891	18.221 ng/ul	100
87) Benzo(b)fluoranthene	22.89	252	1104992	20.658 ng/ul	100
88) Benzo(k)fluoranthene	22.94	252	1106056	20.760 ng/ul	99
90) Benzo(a)pyrene	23.47	252	1061792	20.551 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.84	276	1326290	20.782 ng/ul	98
92) Dibenzo(a,h)anthracene	25.86	278	1116172	20.804 ng/ul	99
93) Benzo(g,h,i)perylene	26.54	276	1097183	20.838 ng/ul	99

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

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