Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023221.D
Acq On : 17 Oct 2019 14:38
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02014

Quant Time: Oct 17 15:33:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	433890	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1648603	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	921209	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1965088	20.00	ng/ul	0.01
78) Chrysene-d12	21.26	240	1943548	20.00	ng/ul	0.01
86) Perylene-d12	23.47	264	2427482	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	73371	7.44	ng/uL	0.00
5) Phenol-d5	6.85	99	614750	16.27	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.00	67	351360	16.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	516908	17.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	477320	15.72	ng/ul	0.01
19) Nitrobenzene-d5	8.82	128	230083	20.63	ng/ul	0.01
22) 2-Nitrophenol-d4	9.54	143	251978	23.73	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.07	165	507083	18.77	ng/ul	0.01
29) 4-Chloroaniline-d4	10.59	131	615555	18.73	ng/ul	0.01
44) Dimethylphthalate-d6	13.73	166	1306246	18.50	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	1682854	20.32	ng/ul	0.01
52) 4-Nitrophenol-d4	14.52	143	220951	19.33	ng/ul	0.02
58) Fluorene-d10	15.32	176	1114099	18.52	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.44	200	120474	15.46	ng/ul	0.02
71) Anthracene-d10	17.16	188	1699762	17.94	ng/ul	0.01
79) Pyrene-d10	19.46	212	1770914	18.82	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.33	264	2216213	18.01	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	74635	7.243	ng/uL#	80
4) Benzaldehyde	6.81	77	427319	17.209	ng/ul	95
6) Phenol	6.88	94	627116	16.092	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.10	93	476721	16.589	ng/ul	98
10) 2-Chlorophenol	7.23	128	535215	17.706	ng/ul	96
11) 2-Methylphenol	8.12	108	463182	15.505	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.20	45	654670	15.607	ng/ul	99
14) Acetophenone	8.49	105	740543	15.650	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.48	70	379625	14.523	ng/ul	96
16) 4-Methylphenol	8.44	108	504406	15.528	ng/ul	99
17) Hexachloroethane	8.75	117	216194	17.992	ng/ul	96
20) Nitrobenzene	8.86	77	541948	18.185	ng/ul	94
21) Isophorone	9.39	82	1015345	15.839	ng/ul	98
23) 2-Nitrophenol	9.57	139	274127	22.425	ng/ul	94
24) 2,4-Dimethylphenol	9.64	107	553944	17.049	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.87	93	620293	17.424	ng/ul	100
27) 2,4-Dichlorophenol	10.10	162	489959	18.566	ng/ul	95
28) Naphthalene	10.50	128	1561716	18.328	ng/ul	99
30) 4-Chloroaniline	10.61	127	617142	18.153	ng/ul	99
31) Hexachlorobutadiene	10.80	225	348185	19.585	ng/ul	97
32) Caprolactam	11.37	113	144040	15.201	ng/ul	85
33) 4-Chloro-3-methylphenol	11.75	107	485004	16.038	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	1109066	17.491	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.35	142	1054984	17.192 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	615512	20.656 ng/ul	99
38) Hexachlorocyclopentadiene	12.49	237	161597	8.962 ng/ul	95
39) 2,4,6-Trichlorophenol	12.74	196	386070	21.070 ng/ul	98
40) 2,4,5-Trichlorophenol	12.82	196	411448	20.888 ng/ul	97
41) 1,1'-Biphenyl	13.15	154	1399121	19.961 ng/ul	98
42) 2-Chloronaphthalene	13.19	162	1097341	20.214 ng/ul	99
43) 2-Nitroaniline	13.39	65	281897	22.159 ng/ul	92
45) Dimethylphthalate	13.78	163	1292994	18.299 ng/ul	100
46) 2,6-Dinitrotoluene	13.89	165	255156	22.999 ng/ul	92
48) Acenaphthylene	14.03	152	1652873	19.524 ng/ul	100
49) 3-Nitroaniline	14.22	138	257910	21.575 ng/ul#	89
50) Acenaphthene	14.38	153	1133827	19.234 ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	68921	13.638 ng/ul#	87
53) 4-Nitrophenol	14.53	109	179178	17.405 ng/ul	93
54) Dibenzofuran	14.72	168	1611322	19.254 ng/ul	98
55) 2,4-Dinitrotoluene	14.69	165	359390	22.147 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.95	232	354716	20.684 ng/ul#	98
57) Diethylphthalate	15.16	149	1285392	17.812 ng/ul	99
59) Fluorene	15.37	166	1287343	18.749 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.37	204	668151	18.632 ng/ul	99
61) 4-Nitroaniline	15.38	138	289258	20.110 ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.46	198	128936	14.134 ng/ul	96
65) N-Nitrosodiphenylamine	15.58	169	1118990	18.451 ng/ul	99
66) 4-Bromophenyl-phenylether	16.26	248	450717	18.999 ng/ul	95
67) Hexachlorobenzene	16.38	284	517819	19.246 ng/ul	97
68) Atrazine	16.54	200	412415	17.767 ng/ul	100
69) Pentachlorophenol	16.72	266	289781	19.229 ng/ul	97
70) Phenanthrene	17.10	178	1986651	18.014 ng/ul	99
72) Anthracene	17.20	178	2029743	17.811 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.11	216	606777	21.264 ng/uL	99
74) Pentachlorobenzene	14.65	250	591793	19.906 ng/uL	99
75) Carbazole	17.46	167	1803148	17.711 ng/ul	100
76) Di-n-butylphthalate	18.05	149	2153692	17.777 ng/ul	99
77) Fluoranthene	19.13	202	2287634	17.442 ng/ul	98
80) Pyrene	19.49	202	2301098	18.899 ng/ul	99
81) Butylbenzylphthalate	20.40	149	950498	22.446 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.17	252	943558	20.041 ng/ul	99
83) Benzo(a)anthracene	21.24	228	2405386	18.266 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	1370442	20.352 ng/ul	98
85) Chrysene	21.29	228	2207218	18.051 ng/ul	100
87) Di-n-octyl phthalate	22.07	149	2427138	19.380 ng/ul	100
88) Benzo(b)fluoranthene	22.81	252	2654170	18.034 ng/ul	99
89) Benzo(k)fluoranthene	22.86	252	2530132	17.903 ng/ul	99
91) Benzo(a)pyrene	23.38	252	2563591	18.155 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.70	276	3218912	19.162 ng/ul	98
93) Dibenzo(a,h)anthracene	25.72	278	2693230	19.175 ng/ul	99
94) Benzo(g,h,i)perylene	26.39	276	2662010	19.247 ng/ul	97

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

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