Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023471.D
Acq On : 30 Oct 2019 08:40
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02016

Quant Time: Oct 30 09:13:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 09:04:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	478400	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.40	136	1961035	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.27	164	1237593	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.02	188	2563705	20.00	ng/ul	-0.02
78) Chrysene-d12	21.21	240	2687187	20.00	ng/ul	-0.02
86) Perylene-d12	23.40	264	3118823	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	86618	8.60	ng/uL	-0.01
5) Phenol-d5	6.80	99	771257	19.20	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	480541	20.40	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.16	132	616566	19.63	ng/ul	-0.02
13) 4-Methylphenol-d8	8.33	113	609793	18.69	ng/ul	-0.02
19) Nitrobenzene-d5	8.77	128	299274	20.27	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.49	143	316862	19.34	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	621254	19.30	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.53	131	733272	19.81	ng/ul	-0.02
44) Dimethylphthalate-d6	13.69	166	1833851	19.51	ng/ul	-0.02
47) Acenaphthylene-d8	13.96	160	2164839	20.11	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.48	143	315749	19.39	ng/ul	-0.01
58) Fluorene-d10	15.26	176	1591630	20.00	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.39	200	269655	16.89	ng/ul	-0.02
71) Anthracene-d10	17.12	188	2440244	20.14	ng/ul	-0.02
79) Pyrene-d10	19.42	212	2668289	18.06	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.26	264	3159515	19.89	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	89299	8.332	ng/uL	98
4) Benzaldehyde	6.77	77	353480	15.281	ng/ul	96
6) Phenol	6.83	94	807869	19.526	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.05	93	644285	19.970	ng/ul	99
10) 2-Chlorophenol	7.19	128	649074	19.724	ng/ul	97
11) 2-Methylphenol	8.07	108	593088	18.747	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.15	45	948559	20.590	ng/ul	99
14) Acetophenone	8.44	105	996330	19.542	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.43	70	531722	18.461	ng/ul	98
16) 4-Methylphenol	8.39	108	648218	18.691	ng/ul	99
17) Hexachloroethane	8.69	117	277625	20.271	ng/ul	97
20) Nitrobenzene	8.81	77	760757	21.038	ng/ul	98
21) Isophorone	9.34	82	1409580	19.456	ng/ul	99
23) 2-Nitrophenol	9.52	139	358149	20.014	ng/ul	98
24) 2,4-Dimethylphenol	9.59	107	728692	19.719	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.82	93	884962	19.862	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	620853	19.554	ng/ul	98
28) Naphthalene	10.45	128	2041165	20.308	ng/ul	100
30) 4-Chloroaniline	10.56	127	761707	19.846	ng/ul	100
31) Hexachlorobutadiene	10.74	225	417610	20.151	ng/ul	99
32) Caprolactam	11.34	113	182681	18.742	ng/ul	97
33) 4-Chloro-3-methylphenol	11.70	107	653744	18.674	ng/ul	100
34) 2-Methylnaphthalene	12.07	142	1490087	19.408	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	1438671	19.417 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	795318	20.349 ng/ul	99
38) Hexachlorocyclopentadiene	12.43	237	426826	16.464 ng/ul	98
39) 2,4,6-Trichlorophenol	12.69	196	497407	19.533 ng/ul	99
40) 2,4,5-Trichlorophenol	12.76	196	524701	19.205 ng/ul	97
41) 1,1'-Biphenyl	13.10	154	1926746	20.077 ng/ul	99
42) 2-Chloronaphthalene	13.13	162	1491747	20.398 ng/ul	100
43) 2-Nitroaniline	13.34	65	410056	20.067 ng/ul	98
45) Dimethylphthalate	13.73	163	1844750	19.550 ng/ul	100
46) 2,6-Dinitrotoluene	13.84	165	363014	19.419 ng/ul	98
48) Acenaphthylene	13.99	152	2241999	20.089 ng/ul	100
49) 3-Nitroaniline	14.17	138	305324	18.076 ng/ul	92
50) Acenaphthene	14.33	153	1573151	20.039 ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	238153	21.134 ng/ul	98
53) 4-Nitrophenol	14.49	109	261452	20.170 ng/ul	97
54) Dibenzofuran	14.67	168	2255451	20.061 ng/ul	99
55) 2,4-Dinitrotoluene	14.64	165	542627	20.024 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.90	232	472794	18.973 ng/ul	99
57) Diethylphthalate	15.11	149	1885363	19.807 ng/ul	99
59) Fluorene	15.32	166	1835553	20.024 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.32	204	949507	19.597 ng/ul	98
61) 4-Nitroaniline	15.34	138	344036	18.248 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.40	198	300288	17.134 ng/ul#	95
65) N-Nitrosodiphenylamine	15.53	169	1607978	19.883 ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	622570	19.020 ng/ul	98
67) Hexachlorobenzene	16.33	284	732297	19.548 ng/ul	100
68) Atrazine	16.49	200	569880	19.282 ng/ul	98
69) Pentachlorophenol	16.67	266	387804	17.429 ng/ul	99
70) Phenanthrene	17.06	178	2932611	20.469 ng/ul	99
72) Anthracene	17.14	178	3002882	20.686 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	762504	19.852 ng/uL	98
74) Pentachlorobenzene	14.59	250	803928	19.533 ng/uL	100
75) Carbazole	17.42	167	2634250	21.526 ng/ul	100
76) Di-n-butylphthalate	18.00	149	3196395	20.810 ng/ul	99
77) Fluoranthene	19.08	202	3421930	22.898 ng/ul	99
80) Pyrene	19.44	202	3492063	18.403 ng/ul	98
81) Butylbenzylphthalate	20.36	149	1457153	18.756 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.13	252	1126675	17.531 ng/ul	100
83) Benzo(a)anthracene	21.20	228	3633644	20.219 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.15	149	2222736	20.408 ng/ul	99
85) Chrysene	21.24	228	3381389	20.391 ng/ul	100
87) Di-n-octyl phthalate	22.01	149	3693983	20.137 ng/ul	100
88) Benzo(b)fluoranthene	22.75	252	3757170	18.757 ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	3791503	20.158 ng/ul	99
91) Benzo(a)pyrene	23.31	252	3639253	20.068 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.60	276	4423316	22.527 ng/ul	98
93) Dibenzo(a,h)anthracene	25.61	278	3738251	22.579 ng/ul	99
94) Benzo(g,h,i)perylene	26.27	276	3669084	22.967 ng/ul	99

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

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