Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023599.D
Acq On : 05 Nov 2019 10:00
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02004

Quant Time: Nov 06 05:44:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 05 03:27:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	647016	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	2538326	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	1472047	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	2973785	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	3165654	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	3882063	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	109370	8.03	ng/uL	0.00
5) Phenol-d5	6.79	99	1016059	18.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	620735	19.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	824973	19.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	781993	17.72	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	391182	20.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	404855	19.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	789760	18.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	933824	19.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	2106812	18.85	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	2633827	20.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	355329	18.35	ng/ul	0.00
58) Fluorene-d10	15.25	176	1850118	19.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	311525	16.83	ng/ul	0.00
71) Anthracene-d10	17.10	188	2850234	20.28	ng/ul	0.00
79) Pyrene-d10	19.40	212	3094170	17.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	3942800	19.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	114785	7.919	ng/uL	92
4) Benzaldehyde	6.75	77	467662	14.948	ng/ul	98
6) Phenol	6.81	94	1062286	18.984	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.03	93	850959	19.502	ng/ul	98
10) 2-Chlorophenol	7.17	128	861548	19.358	ng/ul	98
11) 2-Methylphenol	8.05	108	782710	18.293	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	1214830	19.497	ng/ul	100
14) Acetophenone	8.42	105	1270850	18.431	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.42	70	656006	16.840	ng/ul	98
16) 4-Methylphenol	8.37	108	843540	17.984	ng/ul	99
17) Hexachloroethane	8.67	117	375311	20.262	ng/ul	97
20) Nitrobenzene	8.79	77	983826	21.019	ng/ul	98
21) Isophorone	9.32	82	1753502	18.699	ng/ul	98
23) 2-Nitrophenol	9.50	139	460719	19.891	ng/ul	98
24) 2,4-Dimethylphenol	9.57	107	902651	18.871	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.80	93	1097737	19.034	ng/ul	99
27) 2,4-Dichlorophenol	10.03	162	786585	19.139	ng/ul	98
28) Naphthalene	10.43	128	2645191	20.332	ng/ul	100
30) 4-Chloroaniline	10.54	127	981433	19.756	ng/ul	99
31) Hexachlorobutadiene	10.72	225	534744	19.934	ng/ul	99
32) Caprolactam	11.32	113	226308	17.937	ng/ul	95
33) 4-Chloro-3-methylphenol	11.68	107	795766	17.561	ng/ul	98
34) 2-Methylnaphthalene	12.05	142	1862148	18.738	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.27	142	1795835	18.726 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	978056	21.039 ng/ul	99
38) Hexachlorocyclopentadiene	12.41	237	572066	18.552 ng/ul	99
39) 2,4,6-Trichlorophenol	12.67	196	595681	19.666 ng/ul	99
40) 2,4,5-Trichlorophenol	12.75	196	634664	19.530 ng/ul	97
41) 1,1'-Biphenyl	13.08	154	2363340	20.704 ng/ul	99
42) 2-Chloronaphthalene	13.12	162	1836857	21.117 ng/ul	100
43) 2-Nitroaniline	13.32	65	487918	20.075 ng/ul	95
45) Dimethylphthalate	13.72	163	2157396	19.222 ng/ul	100
46) 2,6-Dinitrotoluene	13.83	165	425520	19.137 ng/ul	95
48) Acenaphthylene	13.97	152	2744813	20.678 ng/ul	99
49) 3-Nitroaniline	14.16	138	376488	18.740 ng/ul	99
50) Acenaphthene	14.32	153	1891445	20.256 ng/ul	100
51) 2,4-Dinitrophenol	14.37	184	214024	15.968 ng/ul	94
53) 4-Nitrophenol	14.48	109	283516	18.388 ng/ul	93
54) Dibenzofuran	14.65	168	2691807	20.129 ng/ul	100
55) 2,4-Dinitrotoluene	14.62	165	636122	19.736 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.89	232	553465	18.672 ng/ul	95
57) Diethylphthalate	15.09	149	2164401	19.117 ng/ul	99
59) Fluorene	15.30	166	2159356	19.805 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.30	204	1110099	19.262 ng/ul	99
61) 4-Nitroaniline	15.32	138	400259	17.848 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.39	198	353961	17.411 ng/ul#	98
65) N-Nitrosodiphenylamine	15.52	169	1842090	19.637 ng/ul	99
66) 4-Bromophenyl-phenylether	16.20	248	719352	18.946 ng/ul	97
67) Hexachlorobenzene	16.31	284	839566	19.321 ng/ul	99
68) Atrazine	16.48	200	619356	18.066 ng/ul	98
69) Pentachlorophenol	16.66	266	460003	17.823 ng/ul	99
70) Phenanthrene	17.04	178	3404093	20.483 ng/ul	99
72) Anthracene	17.13	178	3495465	20.759 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.04	216	942479	21.154 ng/uL	100
74) Pentachlorobenzene	14.57	250	952032	19.941 ng/uL	99
75) Carbazole	17.40	167	3056766	21.534 ng/ul	100
76) Di-n-butylphthalate	17.99	149	3396942	19.066 ng/ul	100
77) Fluoranthene	19.06	202	3981056	22.966 ng/ul	97
80) Pyrene	19.43	202	4093614	18.313 ng/ul	99
81) Butylbenzylphthalate	20.35	149	1508080	16.478 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.12	252	1207036	15.943 ng/ul	98
83) Benzo(a)anthracene	21.19	228	4254058	20.093 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	2242097	17.474 ng/ul	98
85) Chrysene	21.23	228	4027931	20.619 ng/ul	100
87) Di-n-octyl phthalate	22.00	149	3808588	16.680 ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	4716480	18.917 ng/ul	100
89) Benzo(k)fluoranthene	22.78	252	4560974	19.481 ng/ul	99
91) Benzo(a)pyrene	23.29	252	4569207	20.243 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.57	276	5643977	23.093 ng/ul	99
93) Dibenzo(a,h)anthracene	25.59	278	4718700	22.897 ng/ul	100
94) Benzo(g,h,i)perylene	26.24	276	4696262	23.617 ng/ul	99

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

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