Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102819\
Data File : BM023431.D
Acq On : 28 Oct 2019 22:10
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02012

Quant Time: Oct 29 11:49:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 25 07:44:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	438869	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.40	136	1739843	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.27	164	1041103	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	2100002	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	2139542	20.00	ng/ul	-0.01
86) Perylene-d12	23.41	264	2479067	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	79043	8.55	ng/uL	0.00
5) Phenol-d5	6.81	99	702056	19.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	423287	19.59	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.16	132	564762	19.60	ng/ul	-0.01
13) 4-Methylphenol-d8	8.34	113	539482	18.02	ng/ul	-0.01
19) Nitrobenzene-d5	8.77	128	266959	20.38	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	293307	20.18	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	556126	19.47	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.54	131	623759	18.99	ng/ul	-0.02
44) Dimethylphthalate-d6	13.69	166	1541474	19.50	ng/ul	-0.01
47) Acenaphthylene-d8	13.96	160	1856898	20.50	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.49	143	258389	18.87	ng/ul	0.00
58) Fluorene-d10	15.27	176	1319924	19.71	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	215041	16.45	ng/ul	-0.01
71) Anthracene-d10	17.12	188	2016815	20.32	ng/ul	-0.01
79) Pyrene-d10	19.42	212	2171562	18.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	2511331	19.89	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	83568	8.499	ng/uL	97
4) Benzaldehyde	6.77	77	320173	15.087	ng/ul	97
6) Phenol	6.83	94	728546	19.195	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.06	93	580966	19.629	ng/ul	99
10) 2-Chlorophenol	7.19	128	597501	19.793	ng/ul	96
11) 2-Methylphenol	8.07	108	543344	18.722	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	819487	19.390	ng/ul	99
14) Acetophenone	8.45	105	864043	18.474	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.43	70	456045	17.259	ng/ul	97
16) 4-Methylphenol	8.40	108	585450	18.401	ng/ul	96
17) Hexachloroethane	8.70	117	250104	19.907	ng/ul	97
20) Nitrobenzene	8.82	77	657762	20.502	ng/ul	98
21) Isophorone	9.35	82	1219729	18.976	ng/ul	100
23) 2-Nitrophenol	9.53	139	317743	20.014	ng/ul	99
24) 2,4-Dimethylphenol	9.60	107	644124	19.647	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	762058	19.278	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	549772	19.516	ng/ul	99
28) Naphthalene	10.45	128	1815848	20.363	ng/ul	100
30) 4-Chloroaniline	10.56	127	643988	18.912	ng/ul	97
31) Hexachlorobutadiene	10.75	225	373208	20.298	ng/ul	98
32) Caprolactam	11.35	113	162791	18.824	ng/ul	93
33) 4-Chloro-3-methylphenol	11.70	107	561821	18.088	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	1303453	19.135	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	1249722	19.012 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	690190	20.992 ng/ul	96
38) Hexachlorocyclopentadiene	12.44	237	378874	17.372 ng/ul	100
39) 2,4,6-Trichlorophenol	12.70	196	433026	20.214 ng/ul	98
40) 2,4,5-Trichlorophenol	12.77	196	454876	19.792 ng/ul	99
41) 1,1'-Biphenyl	13.10	154	1668288	20.665 ng/ul	100
42) 2-Chloronaphthalene	13.14	162	1290647	20.979 ng/ul	99
43) 2-Nitroaniline	13.35	65	343873	20.004 ng/ul	98
45) Dimethylphthalate	13.74	163	1548722	19.510 ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	304147	19.341 ng/ul	98
48) Acenaphthylene	13.99	152	1934116	20.602 ng/ul	100
49) 3-Nitroaniline	14.17	138	254362	17.901 ng/ul	99
50) Acenaphthene	14.34	153	1332641	20.179 ng/ul	100
51) 2,4-Dinitrophenol	14.39	184	157235	16.587 ng/ul	99
53) 4-Nitrophenol	14.50	109	205473	18.843 ng/ul	90
54) Dibenzofuran	14.67	168	1908548	20.180 ng/ul	100
55) 2,4-Dinitrotoluene	14.64	165	442296	19.402 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.90	232	397551	18.964 ng/ul	99
57) Diethylphthalate	15.12	149	1553824	19.405 ng/ul	99
59) Fluorene	15.33	166	1530026	19.841 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.33	204	793649	19.471 ng/ul	99
61) 4-Nitroaniline	15.34	138	284293	17.925 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	246437	17.166 ng/ul#	96
65) N-Nitrosodiphenylamine	15.54	169	1336239	20.172 ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	524543	19.564 ng/ul	99
67) Hexachlorobenzene	16.33	284	608891	19.843 ng/ul	98
68) Atrazine	16.50	200	471937	19.494 ng/ul	99
69) Pentachlorophenol	16.68	266	325075	17.836 ng/ul	100
70) Phenanthrene	17.06	178	2393041	20.391 ng/ul	99
72) Anthracene	17.15	178	2454612	20.643 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	672354	21.370 ng/uL	99
74) Pentachlorobenzene	14.60	250	685045	20.320 ng/uL	99
75) Carbazole	17.42	167	2167994	21.628 ng/ul	100
76) Di-n-butylphthalate	18.00	149	2618974	20.816 ng/ul	100
77) Fluoranthene	19.09	202	2775958	22.677 ng/ul	99
80) Pyrene	19.45	202	2843432	18.820 ng/ul	99
81) Butylbenzylphthalate	20.37	149	1193125	19.289 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.14	252	918118	17.942 ng/ul	99
83) Benzo(a)anthracene	21.20	228	2896023	20.239 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	1764532	20.348 ng/ul	99
85) Chrysene	21.25	228	2687713	20.357 ng/ul	99
87) Di-n-octyl phthalate	22.02	149	2998276	20.563 ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	3079445	19.341 ng/ul	100
89) Benzo(k)fluoranthene	22.80	252	2877504	19.246 ng/ul	100
91) Benzo(a)pyrene	23.32	252	2887574	20.032 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.61	276	3564379	22.837 ng/ul	99
93) Dibenzo(a,h)anthracene	25.62	278	3005320	22.836 ng/ul	99
94) Benzo(g,h,i)perylene	26.29	276	2958149	23.296 ng/ul	100

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

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