Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023391.D
Acq On : 25 Oct 2019 01:51
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02007

Quant Time: Oct 25 02:25:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	711486	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2708971	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1562822	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	3026413	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2846447	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	3444837	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	115655	7.72	ng/uL	0.00
5) Phenol-d5	6.82	99	1065929	17.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	611631	17.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	877961	18.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	822075	16.94	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	407623	19.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	438033	19.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	857009	19.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	934529	18.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	2232495	18.81	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2659877	19.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	379733	18.47	ng/ul	0.00
58) Fluorene-d10	15.29	176	1862799	18.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	211609	11.23	ng/ul	0.01
71) Anthracene-d10	17.13	188	2771009	19.37	ng/ul	0.00
79) Pyrene-d10	19.43	212	2919056	18.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	3314947	18.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	121619	7.630	ng/uL	96
4) Benzaldehyde	6.79	77	473880	13.774	ng/ul	94
6) Phenol	6.85	94	1106076	17.975	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.07	93	856237	17.845	ng/ul	99
10) 2-Chlorophenol	7.21	128	919024	18.779	ng/ul	100
11) 2-Methylphenol	8.09	108	821491	17.460	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.17	45	1166379	17.023	ng/ul	100
14) Acetophenone	8.46	105	1278868	16.867	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.45	70	664099	15.503	ng/ul	98
16) 4-Methylphenol	8.42	108	875181	16.968	ng/ul	100
17) Hexachloroethane	8.71	117	368365	18.085	ng/ul	99
20) Nitrobenzene	8.83	77	961618	19.250	ng/ul	95
21) Isophorone	9.36	82	1784828	17.834	ng/ul	99
23) 2-Nitrophenol	9.54	139	478499	19.357	ng/ul	95
24) 2,4-Dimethylphenol	9.61	107	961890	18.843	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	1100850	17.886	ng/ul	97
27) 2,4-Dichlorophenol	10.07	162	842660	19.212	ng/ul	98
28) Naphthalene	10.47	128	2689650	19.371	ng/ul	100
30) 4-Chloroaniline	10.58	127	975743	18.404	ng/ul	98
31) Hexachlorobutadiene	10.76	225	572938	20.013	ng/ul	98
32) Caprolactam	11.36	113	243065	18.052	ng/ul	90
33) 4-Chloro-3-methylphenol	11.72	107	832932	17.223	ng/ul	97
34) 2-Methylnaphthalene	12.09	142	1901770	17.931	ng/ul	98

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35) 1-Methylnaphthalene	12.32	142	1825204	17.833	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	1016335	20.592	ng/ul	97
38) Hexachlorocyclopentadiene	12.45	237	345113	10.542	ng/ul	99
39) 2,4,6-Trichlorophenol	12.71	196	647659	20.140	ng/ul	99
40) 2,4,5-Trichlorophenol	12.79	196	685825	19.879	ng/ul	99
41) 1,1'-Biphenyl	13.12	154	2416286	19.939	ng/ul	100
42) 2-Chloronaphthalene	13.16	162	1856455	20.103	ng/ul	99
43) 2-Nitroaniline	13.36	65	493853	19.139	ng/ul	99
45) Dimethylphthalate	13.75	163	2236939	18.773	ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	459627	19.471	ng/ul	93
48) Acenaphthylene	14.01	152	2765171	19.621	ng/ul	99
49) 3-Nitroaniline	14.19	138	442408	20.742	ng/ul	92
50) Acenaphthene	14.35	153	1912107	19.288	ng/ul	99
51) 2,4-Dinitrophenol	14.41	184	123754	8.697	ng/ul	96
53) 4-Nitrophenol	14.51	109	287660	17.574	ng/ul	95
54) Dibenzofuran	14.69	168	2677232	18.857	ng/ul	98
55) 2,4-Dinitrotoluene	14.66	165	625253	18.272	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.92	232	575920	18.301	ng/ul	95
57) Diethylphthalate	15.13	149	2212233	18.404	ng/ul	99
59) Fluorene	15.34	166	2150302	18.576	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.34	204	1127703	18.431	ng/ul	99
61) 4-Nitroaniline	15.36	138	491449	20.642	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.43	198	232094	11.218	ng/ul	97
65) N-Nitrosodiphenylamine	15.55	169	1887714	19.773	ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	755306	19.547	ng/ul	99
67) Hexachlorobenzene	16.35	284	855517	19.345	ng/ul	99
68) Atrazine	16.51	200	688008	19.720	ng/ul	98
69) Pentachlorophenol	16.69	266	469078	17.859	ng/ul	98
70) Phenanthrene	17.08	178	3298590	19.503	ng/ul	100
72) Anthracene	17.17	178	3423147	19.976	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	981506	21.647	ng/uL	99
74) Pentachlorobenzene	14.62	250	985767	20.289	ng/uL	99
75) Carbazole	17.44	167	2999435	20.763	ng/ul	100
76) Di-n-butylphthalate	18.02	149	3758111	20.726	ng/ul	100
77) Fluoranthene	19.10	202	3831497	21.719	ng/ul	99
80) Pyrene	19.46	202	3838746	19.098	ng/ul	99
81) Butylbenzylphthalate	20.38	149	1624414	19.739	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.14	252	1070975	15.732	ng/ul	100
83) Benzo(a)anthracene	21.22	228	3670498	19.281	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	2335791	20.246	ng/ul	99
85) Chrysene	21.26	228	3424705	19.497	ng/ul	100
87) Di-n-octyl phthalate	22.03	149	3950222	19.496	ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	4037173	18.247	ng/ul	99
89) Benzo(k)fluoranthene	22.81	252	3669863	17.665	ng/ul	100
91) Benzo(a)pyrene	23.34	252	3792488	18.934	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.64	276	4710734	21.721	ng/ul	100
93) Dibenzo(a,h)anthracene	25.66	278	3971566	21.718	ng/ul	98
94) Benzo(g,h,i)perylene	26.31	276	3918170	22.205	ng/ul	98

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

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