Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
Data File : BM023404.D
Acq On : 25 Oct 2019 13:32
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02008

Quant Time: Oct 25 22:10:55 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	7.64	152	620851	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2606656	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1611949	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	2935252	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2087467	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2382870	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	96925	7.42	ng/uL	0.00
5) Phenol-d5	6.82	99	978880	18.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	571958	18.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	786925	19.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	789906	18.65	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	393451	20.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	423709	19.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	831575	19.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	881549	17.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	2336579	19.09	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2740989	19.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	375698	17.72	ng/ul	0.00
58) Fluorene-d10	15.28	176	1928291	18.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	261259	14.30	ng/ul	0.00
71) Anthracene-d10	17.13	188	2646992	19.08	ng/ul	0.00
79) Pyrene-d10	19.43	212	2347236	20.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	2300732	18.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	102267	7.352	ng/uL	98
4) Benzaldehyde	6.79	77	435578	14.509	ng/ul	98
6) Phenol	6.85	94	1016369	18.929	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.07	93	793518	18.952	ng/ul	99
10) 2-Chlorophenol	7.20	128	830367	19.444	ng/ul	99
11) 2-Methylphenol	8.09	108	774748	18.870	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.17	45	1117131	18.685	ng/ul	100
14) Acetophenone	8.46	105	1231392	18.611	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.45	70	659331	17.639	ng/ul	98
16) 4-Methylphenol	8.41	108	843708	18.745	ng/ul	98
17) Hexachloroethane	8.71	117	339062	19.077	ng/ul	97
20) Nitrobenzene	8.83	77	933461	19.420	ng/ul	97
21) Isophorone	9.36	82	1790785	18.596	ng/ul	100
23) 2-Nitrophenol	9.54	139	461917	19.420	ng/ul	99
24) 2,4-Dimethylphenol	9.61	107	932904	18.993	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	1095855	18.503	ng/ul	99
27) 2,4-Dichlorophenol	10.07	162	816046	19.336	ng/ul	99
28) Naphthalene	10.47	128	2594652	19.421	ng/ul	100
30) 4-Chloroaniline	10.57	127	906954	17.778	ng/ul	97
31) Hexachlorobutadiene	10.76	225	537758	19.521	ng/ul	99
32) Caprolactam	11.36	113	249075	19.224	ng/ul	95
33) 4-Chloro-3-methylphenol	11.72	107	848811	18.241	ng/ul	99
34) 2-Methylnaphthalene	12.09	142	1919866	18.812	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.31	142	1850047	18.785	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	1026726	20.169	ng/ul	99
38) Hexachlorocyclopentadiene	12.45	237	908472	26.904	ng/ul	100
39) 2,4,6-Trichlorophenol	12.71	196	656773	19.801	ng/ul	99
40) 2,4,5-Trichlorophenol	12.78	196	695456	19.543	ng/ul	99
41) 1,1'-Biphenyl	13.12	154	2473828	19.791	ng/ul	99
42) 2-Chloronaphthalene	13.15	162	1901504	19.963	ng/ul	100
43) 2-Nitroaniline	13.36	65	518473	19.480	ng/ul	97
45) Dimethylphthalate	13.75	163	2345946	19.088	ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	475614	19.534	ng/ul	96
48) Acenaphthylene	14.00	152	2843388	19.561	ng/ul	99
49) 3-Nitroaniline	14.19	138	435732	19.806	ng/ul	93
50) Acenaphthene	14.35	153	1976351	19.328	ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	252750	17.221	ng/ul	98
53) 4-Nitrophenol	14.51	109	296590	17.567	ng/ul	97
54) Dibenzofuran	14.69	168	2792678	19.071	ng/ul	100
55) 2,4-Dinitrotoluene	14.66	165	655599	18.575	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.92	232	586647	18.074	ng/ul	95
57) Diethylphthalate	15.13	149	2360790	19.042	ng/ul	99
59) Fluorene	15.34	166	2223601	18.624	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.34	204	1183752	18.757	ng/ul	98
61) 4-Nitroaniline	15.35	138	480807	19.579	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.43	198	287580	14.331	ng/ul	97
65) N-Nitrosodiphenylamine	15.55	169	1971590	21.293	ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	766047	20.441	ng/ul	97
67) Hexachlorobenzene	16.34	284	854998	19.934	ng/ul	100
68) Atrazine	16.51	200	700258	20.694	ng/ul	99
69) Pentachlorophenol	16.69	266	448185	17.593	ng/ul	99
70) Phenanthrene	17.07	178	3197050	19.490	ng/ul	99
72) Anthracene	17.16	178	3248363	19.545	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	993009	22.581	ng/uL	99
74) Pentachlorobenzene	14.61	250	1017979	21.603	ng/uL	98
75) Carbazole	17.43	167	2751233	19.636	ng/ul	100
76) Di-n-butylphthalate	18.02	149	3721144	21.160	ng/ul	100
77) Fluoranthene	19.09	202	3151505	18.419	ng/ul	98
80) Pyrene	19.46	202	3064778	20.792	ng/ul	100
81) Butylbenzylphthalate	20.37	149	1334411	22.111	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.14	252	641062	12.840	ng/ul	99
83) Benzo(a)anthracene	21.21	228	2724180	19.513	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	1943899	22.976	ng/ul	99
85) Chrysene	21.26	228	2510313	19.487	ng/ul	99
87) Di-n-octyl phthalate	22.04	149	2906598	20.739	ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	2856504	18.665	ng/ul	99
89) Benzo(k)fluoranthene	22.81	252	2530497	17.609	ng/ul	100
91) Benzo(a)pyrene	23.33	252	2628365	18.970	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.64	276	3270796	21.802	ng/ul	99
93) Dibenzo(a,h)anthracene	25.65	278	2750079	21.740	ng/ul	99
94) Benzo(g,h,i)perylene	26.31	276	2705319	22.165	ng/ul	99

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

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