Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023311.D
Acq On : 20 Oct 2019 06:02
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02022

Quant Time: Oct 20 06:42:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 23:34:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	460252	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1769751	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1071422	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2188143	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2312340	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2740150	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	83037	7.94	ng/uL	0.00
5) Phenol-d5	6.82	99	691991	17.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	400453	17.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	567118	18.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	536002	16.65	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	259115	21.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	271949	23.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	565494	19.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	688717	19.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1521780	18.53	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1835937	19.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	265392	19.97	ng/ul	0.00
58) Fluorene-d10	15.29	176	1319271	18.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	205676	23.71	ng/ul	0.00
71) Anthracene-d10	17.14	188	2036241	19.30	ng/ul	0.00
79) Pyrene-d10	19.43	212	2248876	20.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	2716677	19.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	84891	7.767	ng/uL#	77
4) Benzaldehyde	6.79	77	495109	18.797	ng/ul	99
6) Phenol	6.85	94	721381	17.451	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.08	93	556389	18.252	ng/ul	98
10) 2-Chlorophenol	7.22	128	595974	18.587	ng/ul	98
11) 2-Methylphenol	8.09	108	528973	16.693	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	786581	17.678	ng/ul	99
14) Acetophenone	8.47	105	838936	16.713	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.46	70	439963	15.868	ng/ul	98
16) 4-Methylphenol	8.42	108	571994	16.600	ng/ul	100
17) Hexachloroethane	8.72	117	249436	19.570	ng/ul	95
20) Nitrobenzene	8.84	77	644535	20.147	ng/ul	95
21) Isophorone	9.37	82	1148236	16.686	ng/ul	99
23) 2-Nitrophenol	9.55	139	308766	23.530	ng/ul	98
24) 2,4-Dimethylphenol	9.62	107	643836	18.459	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.85	93	717545	18.776	ng/ul	98
27) 2,4-Dichlorophenol	10.08	162	555365	19.603	ng/ul	97
28) Naphthalene	10.48	128	1773400	19.387	ng/ul	99
30) 4-Chloroaniline	10.59	127	726862	19.917	ng/ul	98
31) Hexachlorobutadiene	10.78	225	384367	20.140	ng/ul	99
32) Caprolactam	11.36	113	155874	15.324	ng/ul	90
33) 4-Chloro-3-methylphenol	11.72	107	566303	17.444	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	1275343	18.737	ng/ul	99

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35) 1-Methylnaphthalene	12.32	142	1225106	18.598	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	709535	20.473	ng/ul	98
38) Hexachlorocyclopentadiene	12.46	237	360179	17.174	ng/ul	98
39) 2,4,6-Trichlorophenol	12.72	196	442540	20.765	ng/ul	97
40) 2,4,5-Trichlorophenol	12.79	196	473802	20.681	ng/ul	99
41) 1,1'-Biphenyl	13.13	154	1645947	20.190	ng/ul	98
42) 2-Chloronaphthalene	13.16	162	1288082	20.401	ng/ul	99
43) 2-Nitroaniline	13.36	65	340333	23.002	ng/ul	94
45) Dimethylphthalate	13.76	163	1530196	18.620	ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	300834	23.315	ng/ul	95
48) Acenaphthylene	14.02	152	1921774	19.518	ng/ul	99
49) 3-Nitroaniline	14.19	138	299330	21.529	ng/ul#	97
50) Acenaphthene	14.36	153	1332875	19.440	ng/ul	98
51) 2,4-Dinitrophenol	14.40	184	130204	22.152	ng/ul	97
53) 4-Nitrophenol	14.51	109	228975	19.124	ng/ul	95
54) Dibenzofuran	14.70	168	1910298	19.627	ng/ul	100
55) 2,4-Dinitrotoluene	14.66	165	433486	22.968	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.92	232	406012	20.356	ng/ul	96
57) Diethylphthalate	15.13	149	1521454	18.127	ng/ul	99
59) Fluorene	15.34	166	1543212	19.325	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.34	204	804754	19.295	ng/ul	99
61) 4-Nitroaniline	15.36	138	339520	20.295	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.43	198	235387	23.173	ng/ul	94
65) N-Nitrosodiphenylamine	15.56	169	1344460	19.909	ng/ul	98
66) 4-Bromophenyl-phenylether	16.24	248	530032	20.065	ng/ul	98
67) Hexachlorobenzene	16.35	284	620780	20.721	ng/ul	99
68) Atrazine	16.52	200	477783	18.485	ng/ul	97
69) Pentachlorophenol	16.69	266	337914	20.137	ng/ul	99
70) Phenanthrene	17.08	178	2441515	19.882	ng/ul	100
72) Anthracene	17.17	178	2484860	19.582	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	677845	21.333	ng/uL	98
74) Pentachlorobenzene	14.62	250	697783	21.078	ng/uL	99
75) Carbazole	17.44	167	2223298	19.612	ng/ul	99
76) Di-n-butylphthalate	18.03	149	2534318	18.786	ng/ul	100
77) Fluoranthene	19.10	202	2903627	19.882	ng/ul	99
80) Pyrene	19.46	202	2958204	20.421	ng/ul	98
81) Butylbenzylphthalate	20.39	149	1153418	22.894	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.15	252	1123100	20.050	ng/ul	99
83) Benzo(a)anthracene	21.22	228	3057485	19.514	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	1679283	20.962	ng/ul	99
85) Chrysene	21.27	228	2872225	19.743	ng/ul	100
87) Di-n-octyl phthalate	22.04	149	2850108	20.161	ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	3315584	19.957	ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	3118342	19.547	ng/ul	100
91) Benzo(a)pyrene	23.34	252	3119363	19.570	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.64	276	3867006	20.394	ng/ul	100
93) Dibenzo(a,h)anthracene	25.66	278	3250617	20.503	ng/ul	98
94) Benzo(g,h,i)perylene	26.31	276	3173488	20.327	ng/ul	98

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

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