Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023240.D
Acq On : 18 Oct 2019 03:29
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02016

Quant Time: Oct 18 07:00:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 06:52:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	359681	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1397908	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	868427	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1792553	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1905396	20.00	ng/ul	-0.01
86) Perylene-d12	23.45	264	2256712	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	62569	7.66	ng/uL	0.00
5) Phenol-d5	6.83	99	541185	17.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	301303	17.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	441625	18.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	427404	16.98	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	206339	21.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	225089	24.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	457892	19.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	552720	19.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1265697	19.02	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1502077	19.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	221642	20.57	ng/ul	0.00
58) Fluorene-d10	15.30	176	1079407	19.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	167971	23.63	ng/ul	0.00
71) Anthracene-d10	17.15	188	1682511	19.47	ng/ul	0.00
79) Pyrene-d10	19.44	212	1884788	20.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	2225085	19.45	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	65063	7.617	ng/uL#	77
4) Benzaldehyde	6.80	77	375739	18.254	ng/ul	95
6) Phenol	6.86	94	558592	17.291	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.09	93	422865	17.751	ng/ul	96
10) 2-Chlorophenol	7.23	128	463530	18.498	ng/ul	97
11) 2-Methylphenol	8.10	108	422185	17.048	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	581679	16.728	ng/ul	99
14) Acetophenone	8.47	105	660047	16.826	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	343230	15.840	ng/ul	96
16) 4-Methylphenol	8.43	108	456127	16.939	ng/ul	99
17) Hexachloroethane	8.73	117	191416	19.217	ng/ul	99
20) Nitrobenzene	8.85	77	495268	19.599	ng/ul	96
21) Isophorone	9.38	82	924374	17.006	ng/ul	99
23) 2-Nitrophenol	9.56	139	245585	23.693	ng/ul	97
24) 2,4-Dimethylphenol	9.63	107	509452	18.492	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	565748	18.741	ng/ul	97
27) 2,4-Dichlorophenol	10.09	162	451771	20.188	ng/ul	95
28) Naphthalene	10.49	128	1417484	19.618	ng/ul	99
30) 4-Chloroaniline	10.60	127	570098	19.777	ng/ul	99
31) Hexachlorobutadiene	10.79	225	309868	20.555	ng/ul	97
32) Caprolactam	11.36	113	132953	16.547	ng/ul	90
33) 4-Chloro-3-methylphenol	11.73	107	462770	18.047	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	1026940	19.100	ng/ul	100

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35) 1-Methylnaphthalene	12.33	142	989518	19.017	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	577637	20.563	ng/ul	99
38) Hexachlorocyclopentadiene	12.47	237	318653	18.745	ng/ul	99
39) 2,4,6-Trichlorophenol	12.73	196	366503	21.217	ng/ul	99
40) 2,4,5-Trichlorophenol	12.80	196	393737	21.203	ng/ul	99
41) 1,1'-Biphenyl	13.14	154	1325598	20.061	ng/ul	98
42) 2-Chloronaphthalene	13.17	162	1033326	20.192	ng/ul	99
43) 2-Nitroaniline	13.37	65	273075	22.771	ng/ul	91
45) Dimethylphthalate	13.77	163	1253070	18.812	ng/ul	100
46) 2,6-Dinitrotoluene	13.88	165	244759	23.403	ng/ul	94
48) Acenaphthylene	14.03	152	1553168	19.461	ng/ul	100
49) 3-Nitroaniline	14.20	138	246421	21.866	ng/ul#	94
50) Acenaphthene	14.37	153	1086756	19.556	ng/ul	100
51) 2,4-Dinitrophenol	14.42	184	108290	22.731	ng/ul	93
53) 4-Nitrophenol	14.52	109	178599	18.403	ng/ul	91
54) Dibenzofuran	14.71	168	1554200	19.700	ng/ul	97
55) 2,4-Dinitrotoluene	14.67	165	357060	23.341	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.93	232	347954	21.523	ng/ul	98
57) Diethylphthalate	15.15	149	1239309	18.217	ng/ul	98
59) Fluorene	15.36	166	1256120	19.406	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.36	204	651542	19.273	ng/ul	99
61) 4-Nitroaniline	15.37	138	281980	20.796	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.44	198	189469	22.769	ng/ul	96
65) N-Nitrosodiphenylamine	15.57	169	1095931	19.810	ng/ul	99
66) 4-Bromophenyl-phenylether	16.25	248	441178	20.387	ng/ul	97
67) Hexachlorobenzene	16.37	284	517293	21.077	ng/ul	96
68) Atrazine	16.53	200	406620	19.204	ng/ul	99
69) Pentachlorophenol	16.71	266	290310	21.118	ng/ul	99
70) Phenanthrene	17.09	178	2006473	19.945	ng/ul	99
72) Anthracene	17.19	178	2056693	19.784	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	552627	21.230	ng/uL	99
74) Pentachlorobenzene	14.63	250	581941	21.458	ng/uL	99
75) Carbazole	17.45	167	1825358	19.655	ng/ul	100
76) Di-n-butylphthalate	18.04	149	2093919	18.947	ng/ul	99
77) Fluoranthene	19.12	202	2404010	20.093	ng/ul	98
80) Pyrene	19.47	202	2491631	20.874	ng/ul	99
81) Butylbenzylphthalate	20.40	149	992727	23.912	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.16	252	960034	20.800	ng/ul	99
83) Benzo(a)anthracene	21.23	228	2509330	19.436	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	1415822	21.447	ng/ul	99
85) Chrysene	21.27	228	2335179	19.480	ng/ul	99
87) Di-n-octyl phthalate	22.06	149	2450660	21.049	ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	2622807	19.169	ng/ul	99
89) Benzo(k)fluoranthene	22.83	252	2591303	19.723	ng/ul	100
91) Benzo(a)pyrene	23.36	252	2546413	19.398	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.67	276	3165730	20.272	ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	2668462	20.436	ng/ul	99
94) Benzo(g,h,i)perylene	26.34	276	2636711	20.507	ng/ul	97

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

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