Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023756.D
Acq On : 15 Nov 2019 16:41
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02021

Quant Time: Nov 15 17:18:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	395169	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1679273	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	1059683	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	2142465	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2204686	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	2589862	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	63493	6.62	ng/uL	0.00
5) Phenol-d5	6.72	99	600425	16.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	336196	16.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	472091	18.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	471677	16.41	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	221193	18.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	249044	19.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	499955	17.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	571729	18.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	1366980	16.54	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	1625211	17.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	232377	16.47	ng/ul	0.00
58) Fluorene-d10	15.18	176	1199563	16.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	219195	17.69	ng/ul	0.00
71) Anthracene-d10	17.03	188	1806011	17.77	ng/ul	0.00
79) Pyrene-d10	19.34	212	1963202	17.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2330147	17.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	64881	6.316	ng/uL	97
4) Benzaldehyde	6.67	77	268963	12.728	ng/ul	97
6) Phenol	6.74	94	633933	17.083	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.96	93	485084	17.068	ng/ul	99
10) 2-Chlorophenol	7.09	128	502681	18.680	ng/ul	97
11) 2-Methylphenol	7.98	108	474824	17.143	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.06	45	486641	17.552	ng/ul	99
14) Acetophenone	8.35	105	734198	16.383	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.34	70	396419	16.837	ng/ul	98
16) 4-Methylphenol	8.30	108	519415	16.936	ng/ul	99
17) Hexachloroethane	8.59	117	193873	18.160	ng/ul	97
20) Nitrobenzene	8.72	77	565479	17.793	ng/ul	97
21) Isophorone	9.25	82	1047778	16.900	ng/ul	99
23) 2-Nitrophenol	9.43	139	280100	19.933	ng/ul	92
24) 2,4-Dimethylphenol	9.50	107	561400	17.482	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.73	93	665545	17.106	ng/ul	98
27) 2,4-Dichlorophenol	9.96	162	499290	18.019	ng/ul	99
28) Naphthalene	10.35	128	1575974	17.855	ng/ul	99
30) 4-Chloroaniline	10.47	127	610579	18.778	ng/ul	100
31) Hexachlorobutadiene	10.64	225	324787	17.359	ng/ul	98
32) Caprolactam	11.25	113	139983	15.589	ng/ul	97
33) 4-Chloro-3-methylphenol	11.61	107	517592	16.829	ng/ul	99
34) 2-Methylnaphthalene	11.97	142	1160349	17.186	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.20	142	1103651	16.574	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.35	216	629242	18.173	ng/ul	99
38) Hexachlorocyclopentadiene	12.33	237	493063	27.185	ng/ul	98
39) 2,4,6-Trichlorophenol	12.60	196	407345	19.080	ng/ul	98
40) 2,4,5-Trichlorophenol	12.67	196	432658	18.608	ng/ul	98
41) 1,1'-Biphenyl	13.01	154	1510849	18.482	ng/ul	100
42) 2-Chloronaphthalene	13.04	162	1155470	18.364	ng/ul	99
43) 2-Nitroaniline	13.26	65	298046	19.915	ng/ul	97
45) Dimethylphthalate	13.65	163	1407936	17.385	ng/ul	100
46) 2,6-Dinitrotoluene	13.77	165	281819	19.106	ng/ul	96
48) Acenaphthylene	13.90	152	1739165	18.318	ng/ul	99
49) 3-Nitroaniline	14.10	138	255783	18.247	ng/ul	87
50) Acenaphthene	14.24	153	1214103	18.020	ng/ul	99
51) 2,4-Dinitrophenol	14.31	184	177383	19.075	ng/ul	93
53) 4-Nitrophenol	14.42	109	181368	15.932	ng/ul	95
54) Dibenzofuran	14.59	168	1746250	17.509	ng/ul	100
55) 2,4-Dinitrotoluene	14.56	165	408550	18.122	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.82	232	377000	17.131	ng/ul	99
57) Diethylphthalate	15.03	149	1367833	17.213	ng/ul	98
59) Fluorene	15.24	166	1402400	17.332	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.24	204	732590	16.777	ng/ul	99
61) 4-Nitroaniline	15.26	138	276406	16.099	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.33	198	247203	18.344	ng/ul	99
65) N-Nitrosodiphenylamine	15.46	169	1224105	19.474	ng/ul	100
66) 4-Bromophenyl-phenylether	16.13	248	480043	18.334	ng/ul	97
67) Hexachlorobenzene	16.24	284	575544	18.657	ng/ul	99
68) Atrazine	16.42	200	427735	18.165	ng/ul	98
69) Pentachlorophenol	16.59	266	370968	20.283	ng/ul	99
70) Phenanthrene	16.97	178	2201604	18.656	ng/ul	100
72) Anthracene	17.07	178	2228309	18.779	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.97	216	618347	20.358	ng/uL	98
74) Pentachlorobenzene	14.51	250	643188	19.166	ng/uL	99
75) Carbazole	17.34	167	1983749	20.055	ng/ul	100
76) Di-n-butylphthalate	17.92	149	2238795	20.525	ng/ul	99
77) Fluoranthene	19.00	202	2581006	20.414	ng/ul	98
80) Pyrene	19.36	202	2626315	18.429	ng/ul	98
81) Butylbenzylphthalate	20.29	149	1037563	22.988	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.06	252	903951	19.537	ng/ul	99
83) Benzo(a)anthracene	21.12	228	2668670	18.351	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	1482244	21.751	ng/ul	100
85) Chrysene	21.17	228	2471326	18.051	ng/ul	100
87) Di-n-octyl phthalate	21.94	149	2513991	19.860	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	2918667	17.679	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	2631782	16.546	ng/ul	98
91) Benzo(a)pyrene	23.20	252	2731512	18.073	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.44	276	3355685	20.764	ng/ul	99
93) Dibenzo(a,h)anthracene	25.45	278	2814881	20.638	ng/ul	99
94) Benzo(g,h,i)perylene	26.09	276	2820215	21.535	ng/ul	99

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

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