Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024747.D
Acq On : 07 Feb 2020 03:27
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02025

Quant Time: Feb 07 15:43:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	240479	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	937579	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	639518	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1418030	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1363486	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1480671	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	40677	8.14	ng/uL	0.00
5) Phenol-d5	6.60	99	338789	21.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	193865	21.49	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	314198	21.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	289217	21.46	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	147471	21.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	175529	21.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	348133	21.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	316715	20.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1009112	20.90	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1214256	21.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	164539	20.98	ng/ul	0.00
58) Fluorene-d10	15.06	176	891622	20.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	181869	19.68	ng/ul	0.00
71) Anthracene-d10	16.92	188	1374586	21.23	ng/ul	0.00
79) Pyrene-d10	19.22	212	1548950	22.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1585265	21.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	42171	7.999	ng/uL	98
4) Benzaldehyde	6.56	77	230221	21.911	ng/ul	96
6) Phenol	6.63	94	356066	21.175	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.85	93	293123	21.588	ng/ul	98
10) 2-Chlorophenol	6.98	128	314088	21.525	ng/ul	99
11) 2-Methylphenol	7.86	108	278734	21.356	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.94	45	239045	22.387	ng/ul	97
14) Acetophenone	8.22	105	445781	20.986	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.22	70	224625	22.373	ng/ul	99
16) 4-Methylphenol	8.19	108	306455	21.747	ng/ul	94
17) Hexachloroethane	8.47	117	139903	21.263	ng/ul	94
20) Nitrobenzene	8.59	77	343612	21.346	ng/ul	98
21) Isophorone	9.12	82	640479	21.941	ng/ul	97
23) 2-Nitrophenol	9.29	139	188623	21.876	ng/ul	94
24) 2,4-Dimethylphenol	9.37	107	347050	21.545	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.60	93	401931	21.951	ng/ul	98
27) 2,4-Dichlorophenol	9.83	162	344798	21.604	ng/ul	97
28) Naphthalene	10.22	128	1022721	21.349	ng/ul	99
30) 4-Chloroaniline	10.33	127	316819	20.998	ng/ul	100
31) Hexachlorobutadiene	10.52	225	274635	20.716	ng/ul	98
32) Caprolactam	11.10	113	87105	20.820	ng/ul	98
33) 4-Chloro-3-methylphenol	11.47	107	323259	21.829	ng/ul	98
34) 2-Methylnaphthalene	11.84	142	753450	21.352	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	753009	21.397 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	481493	21.291 ng/ul	97
38) Hexachlorocyclopentadiene	12.22	237	302351	18.959 ng/ul	97
39) 2,4,6-Trichlorophenol	12.47	196	303787	21.824 ng/ul	96
40) 2,4,5-Trichlorophenol	12.55	196	319207	21.940 ng/ul	99
41) 1,1'-Biphenyl	12.89	154	1015598	21.512 ng/ul	99
42) 2-Chloronaphthalene	12.92	162	826034	21.429 ng/ul	99
43) 2-Nitroaniline	13.13	65	181282	22.303 ng/ul	97
45) Dimethylphthalate	13.53	163	1057395	20.997 ng/ul	100
46) 2,6-Dinitrotoluene	13.64	165	221054	21.708 ng/ul	97
48) Acenaphthylene	13.77	152	1260827	21.591 ng/ul	99
49) 3-Nitroaniline	13.97	138	161378	21.039 ng/ul	93
50) Acenaphthene	14.13	153	847308	21.486 ng/ul	98
51) 2,4-Dinitrophenol	14.19	184	114363	18.435 ng/ul	95
53) 4-Nitrophenol	14.30	109	128919	20.123 ng/ul	97
54) Dibenzofuran	14.46	168	1235962	21.025 ng/ul	100
55) 2,4-Dinitrotoluene	14.44	165	311133	21.408 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.70	232	304307	21.405 ng/ul#	96
57) Diethylphthalate	14.92	149	1035621	20.784 ng/ul	98
59) Fluorene	15.12	166	1015183	20.954 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.13	204	577449	20.701 ng/ul	98
61) 4-Nitroaniline	15.14	138	196376	20.673 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.21	198	196112	19.822 ng/ul	99
65) N-Nitrosodiphenylamine	15.34	169	863039	21.788 ng/ul	98
66) 4-Bromophenyl-phenylether	16.02	248	377284	21.233 ng/ul	99
67) Hexachlorobenzene	16.13	284	451060	21.480 ng/ul	98
68) Atrazine	16.31	200	353875	20.793 ng/ul	99
69) Pentachlorophenol	16.48	266	257296	20.476 ng/ul	99
70) Phenanthrene	16.86	178	1640735	21.221 ng/ul	100
72) Anthracene	16.95	178	1666262	21.250 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	519458	22.309 ng/uL	98
74) Pentachlorobenzene	14.39	250	537397	21.748 ng/uL	99
75) Carbazole	17.22	167	1370037	20.972 ng/ul	99
76) Di-n-butylphthalate	17.82	149	1784029	21.464 ng/ul	99
77) Fluoranthene	18.89	202	2008204	21.158 ng/ul	99
80) Pyrene	19.25	202	2047319	22.684 ng/ul	100
81) Butylbenzylphthalate	20.19	149	790430	23.414 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.96	252	698915	21.929 ng/ul	97
83) Benzo(a)anthracene	21.01	228	1989950	21.667 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.99	149	1215749	22.751 ng/ul	100
85) Chrysene	21.06	228	1929236	21.336 ng/ul	100
87) Di-n-octyl phthalate	21.83	149	2033279	22.979 ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	1983942	21.071 ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	1957280	21.598 ng/ul	100
91) Benzo(a)pyrene	23.04	252	1783381	21.127 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	2201216	20.946 ng/ul	99
93) Dibenzo(a,h)anthracene	25.20	278	1881495	21.013 ng/ul	99
94) Benzo(g,h,i)perylene	25.81	276	1836409	21.011 ng/ul	100

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

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