Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020876.D
Acq On : 11 Jun 2019 16:10
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02029

Quant Time: Jun 11 17:14:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	369434	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1404109	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	787762	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1763351	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1738263	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	2015508	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	60397	7.79	ng/uL	0.00
5) Phenol-d5	6.97	99	541666	19.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	310422	18.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	464456	20.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	429044	18.87	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	210381	21.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	235269	23.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	469184	22.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	525672	21.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1211347	20.79	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1589933	21.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	216249	21.63	ng/ul	0.00
57) Fluorene-d10	15.44	176	1055018	21.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	145292	16.11	ng/ul	0.00
70) Anthracene-d10	17.29	188	1642105	21.32	ng/ul	0.00
78) Pyrene-d10	19.59	212	1766345	21.02	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1944880	21.23	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	62728	7.708	ng/uL	95
4) Benzaldehyde	6.96	77	389130	18.271	ng/ul	98
6) Phenol	7.00	94	544465	18.711	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.24	93	423868	18.775	ng/ul	97
10) 2-Chlorophenol	7.37	128	475433	20.531	ng/ul	94
11) 2-Methylphenol	8.25	108	411512	19.033	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	523247	17.680	ng/ul	99
14) Acetophenone	8.63	105	651720	18.545	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.62	70	337770	18.258	ng/ul	98
16) 4-Methylphenol	8.57	108	436598	18.463	ng/ul	97
17) Hexachloroethane	8.88	117	195873	20.116	ng/ul	96
20) Nitrobenzene	9.01	77	497330	20.612	ng/ul	99
21) Isophorone	9.53	82	895858	20.095	ng/ul	99
23) 2-Nitrophenol	9.72	139	250136	22.613	ng/ul	95
24) 2,4-Dimethylphenol	9.77	107	493507	20.756	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.02	93	548368	19.826	ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	444471	21.841	ng/ul	99
28) Naphthalene	10.65	128	1376712	20.876	ng/ul	99
30) 4-Chloroaniline	10.76	127	533607	21.058	ng/ul	98
31) Hexachlorobutadiene	10.92	225	305339	22.151	ng/ul	97
32) Caprolactam	11.55	113	123558	20.841	ng/ul	90
33) 4-Chloro-3-methylphenol	11.89	107	434778	20.704	ng/ul	100
34) 2-Methylnaphthalene	12.26	142	999891	20.643	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	558324	21.871 ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	266552	16.826 ng/ul	100
38) 2,4,6-Trichlorophenol	12.87	196	358288	23.369 ng/ul	99
39) 2,4,5-Trichlorophenol	12.94	196	382218	22.954 ng/ul	98
40) 1,1'-Biphenyl	13.27	154	1284477	21.011 ng/ul	100
41) 2-Chloronaphthalene	13.32	162	1004613	21.353 ng/ul	99
42) 2-Nitroaniline	13.53	65	264696	21.667 ng/ul	98
44) Dimethylphthalate	13.90	163	1205443	20.660 ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	246755	22.546 ng/ul	97
47) Acenaphthylene	14.17	152	1517239	21.225 ng/ul	100
48) 3-Nitroaniline	14.36	138	240982	22.877 ng/ul	98
49) Acenaphthene	14.51	153	1042326	20.888 ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	117124	19.966 ng/ul	94
52) 4-Nitrophenol	14.67	109	170496	20.798 ng/ul	95
53) Dibenzofuran	14.84	168	1477026	20.925 ng/ul	99
54) 2,4-Dinitrotoluene	14.82	165	352896	22.303 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.07	232	323770	23.141 ng/ul	94
56) Diethylphthalate	15.27	149	1225713	21.032 ng/ul	99
58) Fluorene	15.50	166	1193856	21.068 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.49	204	633963	20.999 ng/ul	95
60) 4-Nitroaniline	15.53	138	277652	23.211 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.58	198	152338	15.905 ng/ul	100
64) N-Nitrosodiphenylamine	15.71	169	1038034	20.936 ng/ul	100
65) 4-Bromophenyl-phenylether	16.39	248	399818	21.263 ng/ul	99
66) Hexachlorobenzene	16.49	284	457467	21.395 ng/ul	98
67) Atrazine	16.66	200	387137	21.188 ng/ul	99
68) Pentachlorophenol	16.84	266	274137	22.253 ng/ul	99
69) Phenanthrene	17.23	178	1867565	21.044 ng/ul	100
71) Anthracene	17.33	178	1931766	21.236 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.24	216	566014	21.652 ng/uL	99
73) Pentachlorobenzene	14.76	250	525479	21.343 ng/uL	98
74) Carbazole	17.60	167	1704979	21.553 ng/ul	99
75) Di-n-butylphthalate	18.16	149	2126228	21.499 ng/ul	100
76) Fluoranthene	19.25	202	2226824	21.896 ng/ul	99
79) Pyrene	19.62	202	2256211	21.027 ng/ul	97
80) Butylbenzylphthalate	20.51	149	1002127	22.915 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.29	252	858449	22.281 ng/ul	100
82) Benzo(a)anthracene	21.36	228	2311329	21.315 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.28	149	1528361	20.722 ng/ul	100
84) Chrysene	21.41	228	2122074	21.090 ng/ul	100
86) Di-n-octyl phthalate	22.17	149	2603823	21.793 ng/ul	100
87) Benzo(b)fluoranthene	22.97	252	2373133	20.240 ng/ul	99
88) Benzo(k)fluoranthene	23.01	252	2316736	20.672 ng/ul	99
90) Benzo(a)pyrene	23.56	252	2287245	20.505 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.98	276	2800273	21.255 ng/ul	98
92) Dibenzo(a,h)anthracene	25.99	278	2378939	21.310 ng/ul	97
93) Benzo(g,h,i)perylene	26.69	276	2309235	21.605 ng/ul	96

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

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