Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021121\
Data File : BM028724.D
Acq On : 11 Feb 2021 22:50
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02012

Quant Time: Feb 11 23:25:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 11 16:46:31 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	25974	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	101255	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.54	164	55491	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.27	188	108404	20.00	ng/ul	0.00
78) Chrysene-d12	21.42	240	104536	20.00	ng/ul	0.00
86) Perylene-d12	23.65	264	106784	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	5562	9.02	ng/uL	0.00
5) Phenol-d5	7.06	99	46090	20.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	27680	19.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	40610	21.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	36790	20.54	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	18154	20.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	20002	21.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	36199	20.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.84	131	41997	20.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.95	166	88939	20.18	ng/ul	0.00
47) Acenaphthylene-d8	14.23	160	116521	20.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.76	143	16208	19.64	ng/ul	0.00
58) Fluorene-d10	15.53	176	78711	20.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.67	200	14049	18.83	ng/ul	0.00
71) Anthracene-d10	17.37	188	115457	20.69	ng/ul	0.00
79) Pyrene-d10	19.65	212	119594	19.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.51	264	130287	21.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	5592	8.786	ng/uL#	90
4) Benzaldehyde	7.03	77	16042	14.604	ng/ul	95
6) Phenol	7.09	94	46273	20.971	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.32	93	37417	20.786	ng/ul	94
10) 2-Chlorophenol	7.45	128	41133	21.216	ng/ul	94
11) 2-Methylphenol	8.34	108	34762	20.668	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.42	45	55445	18.113	ng/ul	99
14) Acetophenone	8.72	105	53717	20.267	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.70	70	25802	19.189	ng/ul	94
16) 4-Methylphenol	8.67	108	36915	20.621	ng/ul	96
17) Hexachloroethane	8.97	117	17236	20.168	ng/ul	99
20) Nitrobenzene	9.10	77	41668	20.099	ng/ul	94
21) Isophorone	9.63	82	69286	19.206	ng/ul	98
23) 2-Nitrophenol	9.82	139	21299	21.240	ng/ul	91
24) 2,4-Dimethylphenol	9.87	107	39934	20.725	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.11	93	45938	19.904	ng/ul	97
27) 2,4-Dichlorophenol	10.35	162	34812	21.045	ng/ul	98
28) Naphthalene	10.75	128	123306	21.146	ng/ul	98
30) 4-Chloroaniline	10.86	127	40581	21.055	ng/ul	100
31) Hexachlorobutadiene	11.02	225	22246	20.581	ng/ul	99
32) Caprolactam	11.65	113	9318	19.426	ng/ul	86
33) 4-Chloro-3-methylphenol	11.99	107	34372	20.430	ng/ul	99
34) 2-Methylnaphthalene	12.36	142	81184	20.990	ng/ul	97

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35) 1-Methylnaphthalene	12.58	142	94974	21.045 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.73	216	39427	20.598 ng/ul	99
38) Hexachlorocyclopentadiene	12.70	237	16791	15.224 ng/ul	98
39) 2,4,6-Trichlorophenol	12.97	196	25223	20.695 ng/ul	97
40) 2,4,5-Trichlorophenol	13.05	196	26693	20.608 ng/ul	99
41) 1,1'-Biphenyl	13.37	154	99705	20.567 ng/ul	99
42) 2-Chloronaphthalene	13.42	162	78971	20.810 ng/ul	97
43) 2-Nitroaniline	13.63	65	20692	19.044 ng/ul	94
45) Dimethylphthalate	14.00	163	90822	20.334 ng/ul	100
46) 2,6-Dinitrotoluene	14.13	165	18747	20.514 ng/ul	98
48) Acenaphthylene	14.26	152	117115	20.792 ng/ul	99
49) 3-Nitroaniline	14.46	138	16101	19.368 ng/ul	94
50) Acenaphthene	14.60	153	82516	20.612 ng/ul	99
51) 2,4-Dinitrophenol	14.67	184	8187	15.161 ng/ul	94
53) 4-Nitrophenol	14.77	109	11906	18.799 ng/ul	94
54) Dibenzofuran	14.94	168	111777	20.809 ng/ul	99
55) 2,4-Dinitrotoluene	14.92	165	26527	21.024 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.17	232	21309	20.114 ng/ul#	97
57) Diethylphthalate	15.36	149	89685	19.635 ng/ul	100
59) Fluorene	15.59	166	91826	20.778 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.58	204	44254	20.376 ng/ul	97
61) 4-Nitroaniline	15.62	138	15398	18.892 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.68	198	14796	18.869 ng/ul	94
65) N-Nitrosodiphenylamine	15.80	169	76315	20.749 ng/ul	99
66) 4-Bromophenyl-phenylether	16.47	248	25936	20.044 ng/ul	98
67) Hexachlorobenzene	16.59	284	30306	20.472 ng/ul	98
68) Atrazine	16.74	200	25091	19.625 ng/ul	97
69) Pentachlorophenol	16.93	266	15089	17.513 ng/ul	97
70) Phenanthrene	17.32	178	139325	20.815 ng/ul	99
72) Anthracene	17.41	178	144517	21.152 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.34	216	38173	20.390 ng/uL	99
74) Pentachlorobenzene	14.86	250	35784	20.367 ng/uL	96
75) Carbazole	17.68	167	122285	21.058 ng/ul	100
76) Di-n-butylphthalate	18.23	149	147206	18.932 ng/ul	99
77) Fluoranthene	19.32	202	154353	21.193 ng/ul	99
80) Pyrene	19.68	202	159709	19.748 ng/ul	99
81) Butylbenzylphthalate	20.56	149	66157	18.266 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.34	252	43737	18.769 ng/ul	98
83) Benzo(a)anthracene	21.40	228	149078	20.520 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.33	149	95516	17.577 ng/ul	98
85) Chrysene	21.46	228	144858	20.564 ng/ul	99
87) Di-n-octyl phthalate	22.20	149	164259	18.330 ng/ul	100
88) Benzo(b)fluoranthene	22.99	252	153828	21.279 ng/ul	99
89) Benzo(k)fluoranthene	23.03	252	151879	21.459 ng/ul	100
91) Benzo(a)pyrene	23.56	252	142703	21.380 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.91	276	176634	21.709 ng/ul	99
93) Dibenzo(a,h)anthracene	25.92	278	150318	21.921 ng/ul	97
94) Benzo(g,h,i)perylene	26.61	276	150766	22.209 ng/ul	99

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

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