Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028679.D
Acq On : 09 Feb 2021 09:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02008

Quant Time: Feb 09 10:33:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 10:02:17 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	23587	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	93742	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.55	164	53876	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.29	188	106813	20.00	ng/ul	0.00
78) Chrysene-d12	21.43	240	101940	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	100135	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	5013	8.95	ng/uL	0.00
5) Phenol-d5	7.07	99	42155	20.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	25379	20.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	37351	21.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	34257	21.06	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	17258	21.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	19027	21.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	33879	21.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.85	131	40908	22.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.96	166	90244	21.09	ng/ul	0.00
47) Acenaphthylene-d8	14.24	160	115046	21.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	16260	20.29	ng/ul	0.00
58) Fluorene-d10	15.54	176	78393	21.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.67	200	14572	19.82	ng/ul	0.00
71) Anthracene-d10	17.38	188	115364	20.98	ng/ul	0.00
79) Pyrene-d10	19.66	212	119154	20.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	121521	21.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	5068	8.769	ng/uL#	91
4) Benzaldehyde	7.03	77	12961	12.993	ng/ul	96
6) Phenol	7.09	94	42220	21.071	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.32	93	34198	20.920	ng/ul	96
10) 2-Chlorophenol	7.46	128	37296	21.183	ng/ul	97
11) 2-Methylphenol	8.35	108	32108	21.022	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.43	45	51408	18.494	ng/ul	98
14) Acetophenone	8.73	105	50496	20.980	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.72	70	24585	20.134	ng/ul	92
16) 4-Methylphenol	8.68	108	34450	21.191	ng/ul	97
17) Hexachloroethane	8.97	117	15703	20.234	ng/ul	98
20) Nitrobenzene	9.11	77	38415	20.015	ng/ul	94
21) Isophorone	9.64	82	67563	20.229	ng/ul	98
23) 2-Nitrophenol	9.82	139	20162	21.718	ng/ul	93
24) 2,4-Dimethylphenol	9.89	107	37398	20.965	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.12	93	44428	20.792	ng/ul	99
27) 2,4-Dichlorophenol	10.36	162	33193	21.675	ng/ul	96
28) Naphthalene	10.76	128	114239	21.161	ng/ul	99
30) 4-Chloroaniline	10.87	127	39445	22.105	ng/ul	99
31) Hexachlorobutadiene	11.03	225	20993	20.979	ng/ul	99
32) Caprolactam	11.66	113	9320	20.988	ng/ul	78
33) 4-Chloro-3-methylphenol	12.00	107	33137	21.274	ng/ul	99
34) 2-Methylnaphthalene	12.37	142	77936	21.765	ng/ul	98

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35) 1-Methylnaphthalene	12.59	142	90728	21.716 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.74	216	38077	20.489 ng/ul	99
38) Hexachlorocyclopentadiene	12.71	237	13309	12.429 ng/ul	98
39) 2,4,6-Trichlorophenol	12.98	196	24545	20.742 ng/ul	97
40) 2,4,5-Trichlorophenol	13.06	196	26137	20.783 ng/ul	99
41) 1,1'-Biphenyl	13.38	154	97182	20.647 ng/ul	99
42) 2-Chloronaphthalene	13.43	162	76414	20.740 ng/ul	99
43) 2-Nitroaniline	13.64	65	19621	18.600 ng/ul	84
45) Dimethylphthalate	14.01	163	91699	21.146 ng/ul	99
46) 2,6-Dinitrotoluene	14.13	165	19032	21.451 ng/ul	98
48) Acenaphthylene	14.27	152	114130	20.869 ng/ul	99
49) 3-Nitroaniline	14.47	138	15754	19.519 ng/ul	93
50) Acenaphthene	14.62	153	80497	20.711 ng/ul	100
51) 2,4-Dinitrophenol	14.68	184	9722	18.543 ng/ul	97
53) 4-Nitrophenol	14.78	109	11474	18.660 ng/ul	92
54) Dibenzofuran	14.94	168	108315	20.769 ng/ul	98
55) 2,4-Dinitrotoluene	14.93	165	26728	21.818 ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.17	232	21411	20.816 ng/ul	99
57) Diethylphthalate	15.37	149	91880	20.719 ng/ul	98
59) Fluorene	15.60	166	91166	21.247 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.59	204	44563	21.133 ng/ul	96
61) 4-Nitroaniline	15.63	138	14054	17.760 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.69	198	15897	20.575 ng/ul	97
65) N-Nitrosodiphenylamine	15.80	169	75872	20.936 ng/ul	99
66) 4-Bromophenyl-phenylether	16.48	248	26071	20.448 ng/ul	95
67) Hexachlorobenzene	16.59	284	29616	20.304 ng/ul	98
68) Atrazine	16.75	200	25645	20.357 ng/ul	100
69) Pentachlorophenol	16.94	266	16055	18.912 ng/ul	99
70) Phenanthrene	17.33	178	138811	21.047 ng/ul	99
72) Anthracene	17.42	178	143192	21.270 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.34	216	37297	20.219 ng/uL	98
74) Pentachlorobenzene	14.86	250	35402	20.450 ng/uL	97
75) Carbazole	17.69	167	121623	21.256 ng/ul	99
76) Di-n-butylphthalate	18.24	149	155954	20.356 ng/ul	99
77) Fluoranthene	19.33	202	153910	21.447 ng/ul	100
80) Pyrene	19.69	202	158455	20.092 ng/ul	99
81) Butylbenzylphthalate	20.57	149	69794	19.761 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.35	252	46045	20.262 ng/ul	99
83) Benzo(a)anthracene	21.42	228	146998	20.749 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.34	149	105720	19.951 ng/ul	99
85) Chrysene	21.47	228	142536	20.750 ng/ul	99
87) Di-n-octyl phthalate	22.21	149	181953	21.653 ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	144685	21.343 ng/ul	98
89) Benzo(k)fluoranthene	23.04	252	144819	21.820 ng/ul	99
91) Benzo(a)pyrene	23.57	252	133994	21.409 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.93	276	160317	21.012 ng/ul	99
93) Dibenzo(a,h)anthracene	25.94	278	137081	21.318 ng/ul	98
94) Benzo(g,h,i)perylene	26.63	276	134634	21.149 ng/ul	99

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

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