Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028437.D
Acq On : 18 Jan 2021 22:22
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02010

Quant Time: Jan 18 23:44:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 18 23:34:50 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	31809	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	125026	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	67205	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	128807	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	115419	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	114045	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	6653	8.81	ng/uL	0.00
5) Phenol-d5	7.23	99	57183	21.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	36714	21.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	49841	21.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	45569	20.78	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	22762	21.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	25066	21.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	45536	21.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	49461	19.96	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	114710	21.50	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	144125	21.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	20376	20.38	ng/ul	0.00
58) Fluorene-d10	15.71	176	96431	20.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	16963	19.14	ng/ul	0.00
71) Anthracene-d10	17.55	188	136720	20.62	ng/ul	0.00
79) Pyrene-d10	19.82	212	136669	20.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.74	264	137963	21.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	6935	8.897	ng/uL	99
4) Benzaldehyde	7.22	77	19307	14.352	ng/ul	99
6) Phenol	7.26	94	57244	21.184	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.50	93	47158	21.391	ng/ul	97
10) 2-Chlorophenol	7.64	128	50361	21.210	ng/ul	98
11) 2-Methylphenol	8.53	108	43536	21.136	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.62	45	81084	21.630	ng/ul	99
14) Acetophenone	8.92	105	67826	20.896	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.90	70	34495	20.948	ng/ul	99
16) 4-Methylphenol	8.86	108	45877	20.926	ng/ul	97
17) Hexachloroethane	9.17	117	22439	21.440	ng/ul	96
20) Nitrobenzene	9.30	77	54105	21.136	ng/ul	98
21) Isophorone	9.83	82	94504	21.216	ng/ul	99
23) 2-Nitrophenol	10.02	139	26241	21.193	ng/ul	98
24) 2,4-Dimethylphenol	10.07	107	50341	21.159	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.31	93	61021	21.412	ng/ul	100
27) 2,4-Dichlorophenol	10.55	162	42857	20.983	ng/ul	99
28) Naphthalene	10.96	128	151930	21.101	ng/ul	99
30) 4-Chloroaniline	11.06	127	47564	19.986	ng/ul	98
31) Hexachlorobutadiene	11.23	225	28806	21.583	ng/ul	98
32) Caprolactam	11.84	113	11953	20.182	ng/ul	96
33) 4-Chloro-3-methylphenol	12.17	107	42639	20.525	ng/ul	96
34) 2-Methylnaphthalene	12.56	142	100651	21.075	ng/ul	99

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35) 1-Methylnaphthalene	12.78	142	116562	20.918 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	50282	21.690 ng/ul	100
38) Hexachlorocyclopentadiene	12.90	237	32818	24.569 ng/ul	96
39) 2,4,6-Trichlorophenol	13.16	196	31588	21.400 ng/ul	99
40) 2,4,5-Trichlorophenol	13.23	196	33742	21.509 ng/ul	100
41) 1,1'-Biphenyl	13.56	154	124214	21.156 ng/ul	100
42) 2-Chloronaphthalene	13.60	162	97313	21.174 ng/ul	100
43) 2-Nitroaniline	13.81	65	27625	20.994 ng/ul	98
45) Dimethylphthalate	14.17	163	114779	21.219 ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	23527	21.258 ng/ul	91
48) Acenaphthylene	14.45	152	144470	21.177 ng/ul	100
49) 3-Nitroaniline	14.63	138	20116	19.980 ng/ul	99
50) Acenaphthene	14.79	153	101274	20.889 ng/ul	100
51) 2,4-Dinitrophenol	14.84	184	15642	23.917 ng/ul	98
53) 4-Nitrophenol	14.92	109	15565	20.292 ng/ul	97
54) Dibenzofuran	15.12	168	135303	20.799 ng/ul	99
55) 2,4-Dinitrotoluene	15.09	165	31882	20.863 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.34	232	27493	21.428 ng/ul#	99
57) Diethylphthalate	15.53	149	117265	21.199 ng/ul	99
59) Fluorene	15.77	166	111809	20.890 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.75	204	56072	21.317 ng/ul	97
61) 4-Nitroaniline	15.78	138	17653	17.884 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.84	198	17885	19.196 ng/ul	99
65) N-Nitrosodiphenylamine	15.97	169	92604	21.190 ng/ul	99
66) 4-Bromophenyl-phenylether	16.64	248	32951	21.431 ng/ul	95
67) Hexachlorobenzene	16.76	284	37607	21.380 ng/ul	99
68) Atrazine	16.90	200	32246	21.226 ng/ul	98
69) Pentachlorophenol	17.10	266	20928	20.443 ng/ul	98
70) Phenanthrene	17.49	178	165805	20.847 ng/ul	100
72) Anthracene	17.58	178	169291	20.853 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	48078	21.613 ng/uL	98
74) Pentachlorobenzene	15.04	250	44488	21.310 ng/uL	98
75) Carbazole	17.85	167	141970	20.575 ng/ul	100
76) Di-n-butylphthalate	18.39	149	197090	21.333 ng/ul	99
77) Fluoranthene	19.49	202	180440	20.850 ng/ul	99
80) Pyrene	19.84	202	183458	20.546 ng/ul	99
81) Butylbenzylphthalate	20.71	149	84419	21.110 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.49	252	47331	18.396 ng/ul	97
83) Benzo(a)anthracene	21.56	228	166044	20.700 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	127450	21.243 ng/ul	100
85) Chrysene	21.61	228	159772	20.543 ng/ul	99
87) Di-n-octyl phthalate	22.36	149	214395	22.402 ng/ul	100
88) Benzo(b)fluoranthene	23.19	252	164568	21.315 ng/ul	99
89) Benzo(k)fluoranthene	23.23	252	164783	21.800 ng/ul	99
91) Benzo(a)pyrene	23.79	252	152661	21.416 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.26	276	187257	21.549 ng/ul	98
93) Dibenzo(a,h)anthracene	26.26	278	159369	21.761 ng/ul	99
94) Benzo(g,h,i)perylene	26.99	276	156943	21.647 ng/ul	98

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

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