Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051821\
Data File : BM030062.D
Acq On : 18 May 2021 10:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020043

Manual Integrations APPROVED
mohammad
5/19/2021 11:38:36 AM

Quant Time: May 18 16:31:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 15 09:59:28 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	170975	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.29	136	741799	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.17	164	478054	20.00	ng/ul	-0.01
64) Phenanthrene-d10	16.92	188	921227	20.00	ng/ul	-0.01
79) Chrysene-d12	21.11	240	862652	20.00	ng/ul	0.00
88) Perylene-d12	23.26	264	845101	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	33822	7.90	ng/uL	-0.01
4) Pyridine-d5	3.45	84	173741	16.21	ng/ul	-0.01
7) Phenol-d5	6.70	99	271104	17.05	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	6.87	67	180802	18.34	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.05	132	228553	18.62	ng/ul	-0.01
15) 4-Methylphenol-d8	8.24	113	218914	16.65	ng/ul	0.00
21) Nitrobenzene-d5	8.67	128	102079	19.97	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.39	143	119836	20.77	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.93	165	220099	19.02	ng/ul	0.00
31) 4-Chloroaniline-d4	10.44	131	298939	16.98	ng/ul	-0.01
46) Dimethylphthalate-d6	13.59	166	667731	18.02	ng/ul	0.00
49) Acenaphthylene-d8	13.86	160	861097	18.34	ng/ul	0.00
54) 4-Nitrophenol-d4	14.40	143	86522	14.34	ng/ul	0.00
60) Fluorene-d10	15.17	176	565381	17.97	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.31	200	109017	18.22	ng/ul	0.00
73) Anthracene-d10	17.02	188	835959	18.02	ng/ul	-0.01
81) Pyrene-d10	19.32	212	899027	20.32	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.12	264	889140	18.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	36217	7.817	ng/uL	96
5) Pyridine	3.47	79	197232	17.939	ng/ul	98
6) Benzaldehyde	6.67	77	162048	19.744	ng/ul	97
8) Phenol	6.73	94	278452	17.153	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.96	93	224231	17.470	ng/ul	97
12) 2-Chlorophenol	7.09	128	226627	18.108	ng/ul	98
13) 2-Methylphenol	7.97	108	207499	16.871	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.05	45	397625	20.566	ng/ul	97
16) Acetophenone	8.35	105	359228	17.024	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.33	70	206588	19.135	ng/ul	95
18) 4-Methylphenol	8.30	108	224788	16.486	ng/ul	93
19) Hexachloroethane	8.57	117	102384	19.363	ng/ul	95
22) Nitrobenzene	8.72	77	281542	21.136	ng/ul	96
23) Isophorone	9.24	82	526643	18.692	ng/ul	99
25) 2-Nitrophenol	9.42	139	129235	20.631	ng/ul	97
26) 2,4-Dimethylphenol	9.49	107	266535	18.857	ng/ul	96
27) Bis(2-Chloroethoxy)methane	9.72	93	314507	19.059	ng/ul	99
29) 2,4-Dichlorophenol	9.95	162	211588	18.623	ng/ul	99
30) Naphthalene	10.34	128	754279	18.319	ng/ul	100
32) 4-Chloroaniline	10.47	127	302868	16.698	ng/ul	99
33) Hexachlorobutadiene	10.62	225	143768	18.872	ng/ul	97
34) Caprolactam	11.26	113	60810m	15.081	ng/ul	

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35) 4-Chloro-3-methylphenol	11.60	107	231859	18.440	ng/ul	96
36) 2-Methylnaphthalene	11.96	142	540921	18.110	ng/ul	100
37) 1-Methylnaphthalene	12.19	142	534699	18.064	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.34	216	274843	18.605	ng/ul	98
40) Hexachlorocyclopentadiene	12.32	237	133525	17.401	ng/ul	99
41) 2,4,6-Trichlorophenol	12.59	196	172901	19.193	ng/ul	99
42) 2,4,5-Trichlorophenol	12.67	196	176720	18.536	ng/ul	98
43) 1,1'-Biphenyl	13.00	154	685292	18.441	ng/ul	98
44) 2-Chloronaphthalene	13.03	162	530483	18.601	ng/ul	100
45) 2-Nitroaniline	13.26	65	152252	21.122	ng/ul	94
47) Dimethylphthalate	13.64	163	673035	18.139	ng/ul	100
48) 2,6-Dinitrotoluene	13.76	165	132832	19.943	ng/ul	97
50) Acenaphthylene	13.89	152	821334	18.085	ng/ul	99
51) 3-Nitroaniline	14.10	138	119883	16.022	ng/ul	95
52) Acenaphthene	14.23	153	580558	18.088	ng/ul	99
53) 2,4-Dinitrophenol	14.32	184	81732	18.035	ng/ul	94
55) 4-Nitrophenol	14.42	109	70720	15.240	ng/ul	98
56) Dibenzofuran	14.57	168	796302	18.114	ng/ul	98
57) 2,4-Dinitrotoluene	14.56	165	187803	19.054	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	14.81	232	161904	17.834	ng/ul	99
59) Diethylphthalate	15.01	149	701350	18.124	ng/ul	99
61) Fluorene	15.22	166	664516	17.682	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.22	204	333936	18.083	ng/ul	98
63) 4-Nitroaniline	15.27	138	119650m	16.132	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.32	198	109044	18.517	ng/ul	94
67) N-Nitrosodiphenylamine	15.44	169	566002	18.913	ng/ul	99
68) 4-Bromophenyl-phenylether	16.12	248	196209	19.135	ng/ul	96
69) Hexachlorobenzene	16.23	284	223477	18.352	ng/ul	98
70) Atrazine	16.40	200	193145	17.493	ng/ul	99
71) Pentachlorophenol	16.58	266	116029	16.629	ng/ul	100
72) Phenanthrene	16.96	178	981713	18.073	ng/ul	100
74) Anthracene	17.05	178	1007417	18.141	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.96	216	294091	20.182	ng/uL	99
76) Pentachlorobenzene	14.49	250	267487	19.248	ng/uL	100
77) Carbazole	17.33	167	850667	16.718	ng/ul	99
78) Di-n-butylphthalate	17.90	149	1189288	19.692	ng/ul	99
80) Fluoranthene	18.98	202	1106284	20.541	ng/ul	99
82) Pyrene	19.34	202	1148996	20.272	ng/ul	99
83) Butylbenzylphthalate	20.26	149	497805	24.714	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.04	252	382199	19.474	ng/ul	99
85) Benzo(a)anthracene	21.10	228	1080658	19.200	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.04	149	801746	23.085	ng/ul	99
87) Chrysene	21.14	228	1059776	18.905	ng/ul	99
89) Di-n-octyl phthalate	21.89	149	1302724	20.144	ng/ul	100
90) Benzo(b)fluoranthene	22.61	252	1071454	19.546	ng/ul	99
91) Benzo(k)fluoranthene	22.66	252	1041692	18.075	ng/ul	99
93) Benzo(a)pyrene	23.16	252	938841	18.858	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.39	276	1178573	19.559	ng/ul	99
95) Dibenzo(a,h)anthracene	25.39	278	999938	19.576	ng/ul	99
96) Benzo(g,h,i)perylene	26.04	276	966972	19.806	ng/ul	99

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

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