Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040612.D
Acq On : 04 Jul 2023 15:19
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4150

Quant Time: Jul 05 02:13:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	5741	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	22212	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.559	164	10577	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.311	188	18715	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	11137	0.400	ng/ul	0.00
23) Perylene-d12	23.900	264	11287	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	2736	0.303	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	12358	0.397	ng/ul	-0.01
18) Fluoranthene-d10	19.338	212	15500	0.434	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.350	88	2991	0.326	ng/ul#	88
5) Naphthalene	10.773	128	23405	0.382	ng/ul	100
7) 2-Methylnaphthalene	12.389	142	13967	0.388	ng/ul	98
8) 1-Methylnaphthalene	12.604	142	13526	0.376	ng/ul	99
10) Acenaphthylene	14.281	152	18625	0.394	ng/ul	99
11) Acenaphthene	14.623	153	14795	0.371	ng/ul	99
12) Fluorene	15.613	166	15512	0.364	ng/ul	100
14) Pentachlorophenol	16.965	266	840	0.233	ng/ul	94
15) Phenanthrene	17.353	178	21133	0.364	ng/ul	99
16) Anthracene	17.446	178	18310	0.375	ng/ul	99
19) Fluoranthene	19.370	202	19690	0.416	ng/ul	98
20) Pyrene	19.733	202	20293	0.400	ng/ul	99
21) Benzo(a)anthracene	21.480	228	15300	0.406	ng/ul	100
22) Chrysene	21.532	228	15448	0.359	ng/ul	99
24) Benzo(b)fluoranthene	23.166	252	15831	0.362	ng/ul	96
25) Benzo(k)fluoranthene	23.213	252	15214	0.353	ng/ul	96
26) Benzo(a)pyrene	23.795	252	13851	0.352	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.400	276	18904	0.345	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.410	278	14983	0.349	ng/ul	98
29) Benzo(g,h,i)perylene	27.162	276	16010	0.333	ng/ul	100

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

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