Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046791.D
Acq On : 25 Jul 2024 09:15
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4182

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 25 10:57:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.472	152	2282	0.400 ng/ul	0.00
4) Naphthalene-d8	10.226	136	5507	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.117	164	3793	0.400 ng/ul	0.00
13) Phenanthrene-d10	16.870	188	7960	0.400 ng/ul	0.00
17) Chrysene-d12	21.079	240	5144	0.400 ng/ul	0.00
23) Perylene-d12	23.206	264	5310	0.400 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.101	96	685	0.429 ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	3679	0.420 ng/ul	0.00
18) Fluoranthene-d10	18.913	212	7626	0.455 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.134	88	714m	0.391 ng/ul	
5) Naphthalene	10.275	128	5578	0.400 ng/ul	99
7) 2-Methylnaphthalene	11.903	142	4023	0.420 ng/ul	99
8) 1-Methylnaphthalene	12.129	142	4116	0.416 ng/ul	99
10) Acenaphthylene	13.830	152	6663	0.384 ng/ul	98
11) Acenaphthene	14.182	153	4619	0.392 ng/ul	99
12) Fluorene	15.176	166	5721	0.388 ng/ul	99
14) Pentachlorophenol	16.528	266	1058	0.294 ng/ul	98
15) Phenanthrene	16.912	178	8806	0.385 ng/ul	99
16) Anthracene	17.005	178	8154	0.383 ng/ul	99
19) Fluoranthene	18.940	202	10170	0.450 ng/ul#	97
20) Pyrene	19.308	202	10444	0.447 ng/ul#	96
21) Benzo(a)anthracene	21.064	228	8090	0.377 ng/ul	100
22) Chrysene	21.117	228	8105	0.372 ng/ul	99
24) Benzo(b)fluoranthene	22.578	252	7896	0.339 ng/ul	99
25) Benzo(k)fluoranthene	22.619	252	8253	0.351 ng/ul	99
26) Benzo(a)pyrene	23.116	252	5931	0.354 ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.310	276	7971	0.309 ng/ul#	95
28) Dibenzo(a,h)anthracene	25.326	278	5834	0.309 ng/ul	96
29) Benzo(g,h,i)perylene	25.950	276	6907	0.304 ng/ul	99

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

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