Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072324\
Data File : BM046780.D
Acq On : 23 Jul 2024 16:22
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 17:42:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.4181

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.480	152	2886	0.400	ng/ul	0.00
4) Naphthalene-d8	10.237	136	7439	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.121	164	5100	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.878	188	11292	0.400	ng/ul	0.00
17) Chrysene-d12	21.088	240	8029	0.400	ng/ul	0.00
23) Perylene-d12	23.221	264	7855	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	765	0.323	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.837	152	4990	0.416	ng/ul	-0.01
18) Fluoranthene-d10	18.917	212	11342	0.464	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.138	88	870	0.344	ng/ul#	79
5) Naphthalene	10.286	128	7627	0.403	ng/ul	98
7) 2-Methylnaphthalene	11.908	142	5461	0.411	ng/ul	99
8) 1-Methylnaphthalene	12.134	142	5648	0.416	ng/ul	99
10) Acenaphthylene	13.839	152	9162	0.395	ng/ul	98
11) Acenaphthene	14.186	153	6264	0.403	ng/ul	97
12) Fluorene	15.181	166	7687	0.399	ng/ul	96
14) Pentachlorophenol	16.536	266	1832	0.320	ng/ul	100
15) Phenanthrene	16.920	178	12522	0.389	ng/ul	99
16) Anthracene	17.009	178	11948	0.380	ng/ul	99
19) Fluoranthene	18.950	202	14717	0.446	ng/ul	99
20) Pyrene	19.312	202	15099	0.423	ng/ul	99
21) Benzo(a)anthracene	21.073	228	13068	0.368	ng/ul	98
22) Chrysene	21.123	228	12521	0.364	ng/ul	99
24) Benzo(b)fluoranthene	22.589	252	12516	0.399	ng/ul	99
25) Benzo(k)fluoranthene	22.630	252	12223m	0.397	ng/ul	
26) Benzo(a)pyrene	23.127	252	9681	0.375	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.330	276	13881	0.353	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.343	278	11077	0.356	ng/ul	99
29) Benzo(g,h,i)perylene	25.970	276	10909	0.348	ng/ul	99

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

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