Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022124\
Data File : BM044215.D
Acq On : 21 Feb 2024 13:45
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 21 14:42:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.4195

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/22/2024
Supervised By :mohammad ahmed 02/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	4482	0.400	ng/ul	0.00
4) Naphthalene-d8	10.694	136	12948	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.538	164	5766	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	12707	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	10147	0.400	ng/ul	0.00
23) Perylene-d12	23.891	264	11886	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	3009	0.474	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	7890	0.435	ng/ul	-0.01
18) Fluoranthene-d10	19.331	212	14990	0.495	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.386	88	3191	0.503	ng/ul#	90
5) Naphthalene	10.743	128	17780	0.462	ng/ul	99
7) 2-Methylnaphthalene	12.365	142	10364	0.437	ng/ul	99
8) 1-Methylnaphthalene	12.580	142	10346	0.431	ng/ul	100
10) Acenaphthylene	14.260	152	14963	0.472	ng/ul	99
11) Acenaphthene	14.603	153	10671	0.465	ng/ul	99
12) Fluorene	15.597	166	11663	0.450	ng/ul	97
14) Pentachlorophenol	16.946	266	1781	0.391	ng/ul	97
15) Phenanthrene	17.339	178	18628	0.463	ng/ul	99
16) Anthracene	17.431	178	17877	0.449	ng/ul	99
19) Fluoranthene	19.359	202	22394	0.484	ng/ul	98
20) Pyrene	19.721	202	24022	0.494	ng/ul	97
21) Benzo(a)anthracene	21.482	228	20487	0.441	ng/ul	99
22) Chrysene	21.535	228	23091	0.461	ng/ul	99
24) Benzo(b)fluoranthene	23.163	252	21094	0.430	ng/ul	97
25) Benzo(k)fluoranthene	23.210	252	23349m	0.439	ng/ul	
26) Benzo(a)pyrene	23.786	252	20711	0.454	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.373	276	25597	0.441	ng/ul#	43
28) Dibenzo(a,h)anthracene	26.410	278	20192	0.442	ng/ul	96
29) Benzo(g,h,i)perylene	27.121	276	22642	0.441	ng/ul	98

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

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