Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046681.D
Acq On : 17 Jul 2024 22:36
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 17 23:23:47 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 : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.4173

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	3257	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.253	136	9021	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.140	164	5934	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.895	188	14493	0.400	ng/ul	0.00
17) Chrysene-d12	21.096	240	16421	0.400	ng/ul	0.00
23) Perylene-d12	23.236	264	18438	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	881	0.329	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.854	152	5777	0.397	ng/ul	-0.01
18) Fluoranthene-d10	18.931	212	20135	0.403	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.147	88	860	0.301	ng/ul	89
5) Naphthalene	10.303	128	9243	0.403	ng/ul	97
7) 2-Methylnaphthalene	11.931	142	6460	0.401	ng/ul	100
8) 1-Methylnaphthalene	12.150	142	6764	0.411	ng/ul	99
10) Acenaphthylene	13.853	152	11317	0.419	ng/ul	98
11) Acenaphthene	14.200	153	7311	0.404	ng/ul	97
12) Fluorene	15.199	166	8830	0.394	ng/ul	99
14) Pentachlorophenol	16.553	266	3459	0.471	ng/ul	99
15) Phenanthrene	16.933	178	16137	0.390	ng/ul	99
16) Anthracene	17.026	178	17417	0.432	ng/ul	99
19) Fluoranthene	18.964	202	27261	0.404	ng/ul	99
20) Pyrene	19.326	202	28251	0.387	ng/ul	100
21) Benzo(a)anthracene	21.082	228	26842	0.370	ng/ul	99
22) Chrysene	21.134	228	25107	0.357	ng/ul	100
24) Benzo(b)fluoranthene	22.598	252	27124	0.368	ng/ul	97
25) Benzo(k)fluoranthene	22.642	252	26826m	0.371	ng/ul	
26) Benzo(a)pyrene	23.142	252	25215	0.416	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.353	276	32453	0.352	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.370	278	25657	0.351	ng/ul	99
29) Benzo(g,h,i)perylene	25.997	276	26113	0.355	ng/ul	100

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

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