Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045964.D
Acq On : 10 Jun 2024 23:11
Operator : MA/JU
Sample : P2642-14DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jun 10 23:44:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4BH7DL

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	4232	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.238	136	13202	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	7625	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.846	188	15200	0.400	ng/ul	-0.02
17) Chrysene-d12	21.038	240	13051	0.400	ng/ul	-0.02
23) Perylene-d12	23.142	264	14391m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	3963	0.822	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.860	152	926	0.049	ng/ul	0.01
18) Fluoranthene-d10	18.877	212	2237	0.057	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.288	128	1195	0.035	ng/ul#	78
10) Acenaphthylene	13.822	152	3273	0.094	ng/ul	94
11) Acenaphthene	14.169	153	2483	0.097	ng/ul	98
12) Fluorene	15.164	166	2911	0.102	ng/ul#	97
15) Phenanthrene	16.888	178	66009	1.547	ng/ul	99
16) Anthracene	16.981	178	11768m	0.323	ng/ul	
19) Fluoranthene	18.905	202	145101	2.788	ng/ul	99
20) Pyrene	19.272	202	114655	2.112	ng/ul	95
21) Benzo(a)anthracene	21.023	228	59419	1.240	ng/ul	98
22) Chrysene	21.073	228	68154	1.307	ng/ul	99
24) Benzo(b)fluoranthene	22.522	252	93859m	1.966	ng/ul	
25) Benzo(k)fluoranthene	22.557	252	32612m	0.622	ng/ul	
26) Benzo(a)pyrene	23.048	252	42073m	0.886	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.199	276	40885	0.666	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.202	278	10918	0.223	ng/ul	94
29) Benzo(g,h,i)perylene	25.826	276	6539	0.124	ng/ul#	87

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

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