Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045948.D
Acq On : 10 Jun 2024 13:31
Operator : MA/JU
Sample : P2642-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 10 14:04:49 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 : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4B38

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	4470	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.232	136	14134	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	7186	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.846	188	14655m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.043	240	11436m	0.400	ng/ul	0.00
23) Perylene-d12	23.150	264	12500m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	14161	2.781	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.844	152	3315	0.163	ng/ul	0.00
18) Fluoranthene-d10	18.881	212	6596	0.193	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.276	128	1152	0.031	ng/ul#	77
10) Acenaphthylene	13.822	152	2443	0.075	ng/ul#	91
11) Acenaphthene	14.169	153	867	0.036	ng/ul	93
12) Fluorene	15.159	166	1092	0.041	ng/ul#	95
15) Phenanthrene	16.888	178	19675m	0.478	ng/ul	
16) Anthracene	16.981	178	4282m	0.122	ng/ul	
19) Fluoranthene	18.909	202	47331	1.038	ng/ul	98
20) Pyrene	19.272	202	41250	0.867	ng/ul	98
21) Benzo(a)anthracene	21.029	228	20263	0.483	ng/ul	95
22) Chrysene	21.081	228	24891	0.545	ng/ul	98
24) Benzo(b)fluoranthene	22.528	252	32759m	0.790	ng/ul	
25) Benzo(k)fluoranthene	22.566	252	14128m	0.310	ng/ul	
26) Benzo(a)pyrene	23.057	252	21614	0.524	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.212	276	17766	0.333	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.212	278	3946	0.093	ng/ul#	58
29) Benzo(g,h,i)perylene	25.842	276	17824	0.388	ng/ul	99

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

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