Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045945.D
Acq On : 10 Jun 2024 11:42
Operator : MA/JU
Sample : P2640-06MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 10 12:20:55 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 :
A4C15MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	3936	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.238	136	12250	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.104	164	6765	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.846	188	14078	0.400	ng/ul	-0.02
17) Chrysene-d12	21.040	240	11551	0.400	ng/ul	#-0.01
23) Perylene-d12	23.145	264	15177	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	2393	0.534	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.838	152	4868	0.276	ng/ul	0.00
18) Fluoranthene-d10	18.876	212	10346	0.299	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.088	88	6208	1.210	ng/ul#	67
5) Naphthalene	10.287	128	23125	0.722	ng/ul	99
7) 2-Methylnaphthalene	11.910	142	10785	0.528	ng/ul	99
8) 1-Methylnaphthalene	12.130	142	9963	0.449	ng/ul	99
10) Acenaphthylene	13.826	152	29955	0.974	ng/ul	99
11) Acenaphthene	14.169	153	29340	1.298	ng/ul	99
12) Fluorene	15.163	166	35799	1.417	ng/ul	100
14) Pentachlorophenol	16.529	266	1510	0.574	ng/ul	97
15) Phenanthrene	16.888	178	575030	14.548	ng/ul	99
16) Anthracene	16.981	178	111039	3.294	ng/ul	99
19) Fluoranthene	18.904	202	1088255	23.627	ng/ul	99
20) Pyrene	19.272	202	798037	16.609	ng/ul	96
21) Benzo(a)anthracene	21.023	228	477980	11.273	ng/ul	99
22) Chrysene	21.076	228	497314	10.774	ng/ul	99
24) Benzo(b)fluoranthene	22.525	252	678981m	13.488	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	254322m	4.597	ng/ul	
26) Benzo(a)pyrene	23.054	252	293299	5.859	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.202	276	272717	4.213	ng/ul	92
28) Dibenzo(a,h)anthracene	25.212	278	89826	1.736	ng/ul	94
29) Benzo(g,h,i)perylene	25.836	276	41262	0.739	ng/ul	97

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

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