Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046295.D
Acq On : 25 Jun 2024 17:16
Operator : MA/JU
Sample : P2844-14MSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Quant Time: Jun 25 18:09:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4C64MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	1912	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.189	136	5937	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.049	164	3446	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.795	188	7707	0.400	ng/ul	-0.06
17) Chrysene-d12	20.994	240	6566	0.400	ng/ul	-0.03
23) Perylene-d12	23.086	264	8825m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	920	0.351	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.783	152	2162	0.271	ng/ul	-0.09
18) Fluoranthene-d10	18.826	212	5903	0.300	ng/ul	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.054	88	2430	0.826	ng/ul	90
5) Naphthalene	10.233	128	7711	0.466	ng/ul	99
7) 2-Methylnaphthalene	11.855	142	4078	0.438	ng/ul	98
8) 1-Methylnaphthalene	12.064	142	4211	0.412	ng/ul	100
10) Acenaphthylene	13.771	152	18724	1.146	ng/ul	98
11) Acenaphthene	14.109	153	12860	1.090	ng/ul	99
12) Fluorene	15.108	166	16452	1.299	ng/ul	99
14) Pentachlorophenol	16.478	266	1215	0.526	ng/ul	99
15) Phenanthrene	16.833	178	338604	15.638	ng/ul	96
16) Anthracene	16.930	178	66232	4.107	ng/ul	96
19) Fluoranthene	18.853	202	767694	27.003	ng/ul	96
20) Pyrene	19.216	202	515930	16.781	ng/ul	96
21) Benzo(a)anthracene	20.976	228	311970	12.301	ng/ul	99
22) Chrysene	21.029	228	323384	9.991	ng/ul	99
24) Benzo(b)fluoranthene	22.469	252	425982m	13.398	ng/ul	
25) Benzo(k)fluoranthene	22.504	252	177317m	4.691	ng/ul	
26) Benzo(a)pyrene	22.993	252	163511	5.550	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.121	276	170073	3.527	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.125	278	57910	1.613	ng/ul	96
29) Benzo(g,h,i)perylene	25.745	276	23397	0.566	ng/ul#	92

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

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