Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046156.D
Acq On : 21 Jun 2024 12:41
Operator : MA/JU
Sample : P2754-06MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 21 13:20:51 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 18 13:58:29 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4BP6MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	2220	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.211	136	6545	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.072	164	3614	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.816	188	7621	0.400	ng/ul	-0.05
17) Chrysene-d12	21.008	240	6228	0.400	ng/ul	#-0.04
23) Perylene-d12	23.104	264	8528	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	1419	0.466	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.811	152	3045	0.346	ng/ul	-0.05
18) Fluoranthene-d10	18.839	212	7785	0.417	ng/ul	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.067	88	3996	1.170	ng/ul#	83
5) Naphthalene	10.260	128	14376	0.788	ng/ul	95
7) 2-Methylnaphthalene	11.882	142	6287	0.612	ng/ul	99
8) 1-Methylnaphthalene	12.097	142	6151	0.546	ng/ul	98
10) Acenaphthylene	13.794	152	22223	1.296	ng/ul	97
11) Acenaphthene	14.137	153	13620	1.101	ng/ul	99
12) Fluorene	15.136	166	15167	1.142	ng/ul	98
14) Pentachlorophenol	16.495	266	1457	0.638	ng/ul	97
15) Phenanthrene	16.854	178	244197	11.405	ng/ul	96
16) Anthracene	16.947	178	53161	3.334	ng/ul	96
19) Fluoranthene	18.872	202	604159	22.404	ng/ul	97
20) Pyrene	19.239	202	440528	15.106	ng/ul#	94
21) Benzo(a)anthracene	20.991	228	265203	11.024	ng/ul	100
22) Chrysene	21.043	228	291979	9.511	ng/ul	99
24) Benzo(b)fluoranthene	22.487	252	424021m	13.801	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	164699m	4.509	ng/ul	
26) Benzo(a)pyrene	23.013	252	165338	5.807	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.148	276	172631	3.705	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.152	278	61111	1.762	ng/ul	92
29) Benzo(g,h,i)perylene	25.775	276	25839	0.647	ng/ul	95

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

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