Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046157.D
Acq On : 21 Jun 2024 13:18
Operator : MA/JU
Sample : P2754-07MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP6MSD

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

Quant Time: Jun 21 14:27:05 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	2290	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.211	136	6730	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.072	164	3772	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.812	188	7880	0.400	ng/ul	-0.05
17) Chrysene-d12	21.008	240	6313m	0.400	ng/ul	-0.04
23) Perylene-d12	23.107	264	8966	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	1586	0.505	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.811	152	3278	0.363	ng/ul	-0.05
18) Fluoranthene-d10	18.844	212	7760	0.410	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.067	88	4234	1.202	ng/ul#	88
5) Naphthalene	10.260	128	15683	0.836	ng/ul	95
7) 2-Methylnaphthalene	11.882	142	6720	0.636	ng/ul	98
8) 1-Methylnaphthalene	12.097	142	6404	0.552	ng/ul	99
10) Acenaphthylene	13.794	152	22745	1.271	ng/ul	97
11) Acenaphthene	14.136	153	14097	1.091	ng/ul	99
12) Fluorene	15.131	166	15613	1.127	ng/ul	99
14) Pentachlorophenol	16.495	266	1454	0.616	ng/ul	98
15) Phenanthrene	16.854	178	247185	11.165	ng/ul	96
16) Anthracene	16.947	178	52668	3.194	ng/ul	96
19) Fluoranthene	18.872	202	600761	21.978	ng/ul	97
20) Pyrene	19.239	202	437713	14.807	ng/ul#	94
21) Benzo(a)anthracene	20.991	228	264064	10.829	ng/ul	100
22) Chrysene	21.043	228	290469m	9.334	ng/ul	
24) Benzo(b)fluoranthene	22.487	252	426460m	13.202	ng/ul	
25) Benzo(k)fluoranthene	22.522	252	165385m	4.307	ng/ul	
26) Benzo(a)pyrene	23.013	252	162752	5.437	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.148	276	170147	3.473	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.152	278	62021	1.700	ng/ul	94
29) Benzo(g,h,i)perylene	25.772	276	23686	0.564	ng/ul	94

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

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