Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
Data File : BN033158.D
Acq On : 01 Aug 2024 08:19
Operator : MA/JU
Sample : P3283-07MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CM2MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 01 08:57:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.495	152	2592	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.262	136	8529	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.134	164	4987	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.907	188	11204	0.400	ng/ul	-0.03
17) Chrysene-d12	21.125	240	9405	0.400	ng/ul	-0.03
23) Perylene-d12	23.308	264	9820	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	1393	0.425	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.857	152	3635	0.261	ng/ul	-0.07
18) Fluoranthene-d10	18.944	212	8609	0.323	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.086	88	4013	1.074	ng/ul#	77
5) Naphthalene	10.312	128	7153	0.327	ng/ul	98
7) 2-Methylnaphthalene	11.934	142	4440	0.299	ng/ul	99
8) 1-Methylnaphthalene	12.154	142	4731	0.295	ng/ul	99
10) Acenaphthylene	13.861	152	8368	0.410	ng/ul	99
11) Acenaphthene	14.199	153	5484	0.357	ng/ul	99
12) Fluorene	15.207	166	6028	0.337	ng/ul	100
14) Pentachlorophenol	16.595	266	1543	0.676	ng/ul	98
15) Phenanthrene	16.945	178	29557	0.984	ng/ul	99
16) Anthracene	17.047	178	11932	0.442	ng/ul	99
19) Fluoranthene	18.972	202	58281	1.882	ng/ul	98
20) Pyrene	19.344	202	53245	1.603	ng/ul	96
21) Benzo(a)anthracene	21.110	228	29965	0.934	ng/ul	99
22) Chrysene	21.163	228	34152	0.912	ng/ul	99
24) Benzo(b)fluoranthene	22.653	252	43496m	1.516	ng/ul	
25) Benzo(k)fluoranthene	22.694	252	22796m	0.663	ng/ul	
26) Benzo(a)pyrene	23.215	252	27475	1.018	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.494	276	28973	0.706	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.487	278	12947	0.398	ng/ul	96
29) Benzo(g,h,i)perylene	26.171	276	25474	0.781	ng/ul	95

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

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