Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032892.D
Acq On : 22 Jul 2024 14:22
Operator : MA/JU
Sample : P3215-10MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 22 14:47:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4D23MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.527	152	3819	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	11775	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	6127	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.940	188	11224	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.156	240	9943	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	12664	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	1756	0.383	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	4157	0.234	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	7876	0.243	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.122	88	4789	0.917	ng/ul	89
5) Naphthalene	10.349	128	9508	0.301	ng/ul	100
7) 2-Methylnaphthalene	11.971	142	5193	0.263	ng/ul	98
8) 1-Methylnaphthalene	12.196	142	5024	0.246	ng/ul	99
10) Acenaphthylene	13.901	152	9462	0.382	ng/ul	98
11) Acenaphthene	14.239	153	5565	0.272	ng/ul	99
12) Fluorene	15.243	166	5998	0.256	ng/ul	99
14) Pentachlorophenol	16.623	266	1235	0.627	ng/ul	98
15) Phenanthrene	16.982	178	24618	0.805	ng/ul	100
16) Anthracene	17.079	178	11617	0.465	ng/ul	97
19) Fluoranthene	19.013	202	61419	1.519	ng/ul	98
20) Pyrene	19.380	202	57314	1.370	ng/ul	97
21) Benzo(a)anthracene	21.141	228	34086	1.077	ng/ul	97
22) Chrysene	21.191	228	36448	0.796	ng/ul	97
24) Benzo(b)fluoranthene	22.693	252	52761m	1.181	ng/ul	
25) Benzo(k)fluoranthene	22.731	252	27512m	0.505	ng/ul	
26) Benzo(a)pyrene	23.251	252	35834	0.927	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.552	276	34777	0.664	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.552	278	14500	0.357	ng/ul#	88
29) Benzo(g,h,i)perylene	26.233	276	32876	0.751	ng/ul	98

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

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