Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032639.D
Acq On : 11 Jul 2024 17:08
Operator : MA/JU
Sample : P3102-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CE1MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:55:18 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	5749	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.332	136	19903	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	12100	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.961	188	25407	0.400	ng/ul	-0.03
17) Chrysene-d12	21.176	240	15187	0.400	ng/ul	#-0.02
23) Perylene-d12	23.371	264	17954	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	2002	0.290	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	7543	0.251	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	15917	0.322	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.139	88	5965	0.759	ng/ul#	90
5) Naphthalene	10.382	128	30433	0.569	ng/ul	97
7) 2-Methylnaphthalene	12.004	142	17726	0.531	ng/ul	98
8) 1-Methylnaphthalene	12.224	142	16497	0.478	ng/ul	99
10) Acenaphthylene	13.924	152	43926	0.899	ng/ul	99
11) Acenaphthene	14.267	153	33577	0.831	ng/ul	99
12) Fluorene	15.261	166	43746	0.947	ng/ul	98
14) Pentachlorophenol	16.632	266	3300	0.740	ng/ul	98
15) Phenanthrene	17.003	178	626906	9.060	ng/ul	98
16) Anthracene	17.096	178	130606	2.310	ng/ul	99
19) Fluoranthene	19.031	202	1122926	18.186	ng/ul	97
20) Pyrene	19.398	202	706548	11.055	ng/ul	97
21) Benzo(a)anthracene	21.159	228	425156	8.795	ng/ul	99
22) Chrysene	21.211	228	495535	7.086	ng/ul	98
24) Benzo(b)fluoranthene	22.713	252	616525m	9.732	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	244275m	3.164	ng/ul	
26) Benzo(a)pyrene	23.278	252	211481	3.858	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.579	276	218191	2.939	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.582	278	86276	1.499	ng/ul	97
29) Benzo(g,h,i)perylene	26.260	276	77403	1.248	ng/ul	99

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

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