Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046110.D
Acq On : 20 Jun 2024 06:21
Operator : MA/JU
Sample : P2696-10MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 20 06:50:46 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 :
A4BN7MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.451	152	2543	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.237	136	7178	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.089	164	4166	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.828	188	8497	0.400	ng/ul	-0.03
17) Chrysene-d12	21.012	240	7814	0.400	ng/ul	#-0.03
23) Perylene-d12	23.110	264	10841	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	1132	0.324	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.843	152	1974	0.205	ng/ul	-0.02
18) Fluoranthene-d10	18.847	212	4815	0.206	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.067	88	3173	0.811	ng/ul	90
5) Naphthalene	10.286	128	6479	0.324	ng/ul	99
7) 2-Methylnaphthalene	11.920	142	3139	0.279	ng/ul	99
8) 1-Methylnaphthalene	12.129	142	3191	0.258	ng/ul	98
10) Acenaphthylene	13.812	152	9585	0.485	ng/ul	99
11) Acenaphthene	14.149	153	5868	0.411	ng/ul	99
12) Fluorene	15.148	166	6358	0.415	ng/ul	99
14) Pentachlorophenol	16.511	266	770	0.302	ng/ul	97
15) Phenanthrene	16.866	178	84947	3.558	ng/ul	96
16) Anthracene	16.963	178	17869	1.005	ng/ul	97
19) Fluoranthene	18.880	202	245282	7.250	ng/ul	98
20) Pyrene	19.243	202	173452	4.741	ng/ul	97
21) Benzo(a)anthracene	20.997	228	102761	3.405	ng/ul	100
22) Chrysene	21.050	228	129243	3.355	ng/ul	100
24) Benzo(b)fluoranthene	22.490	252	191067m	4.892	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	76119m	1.639	ng/ul	
26) Benzo(a)pyrene	23.016	252	64327	1.777	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.152	276	75868	1.281	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.159	278	29095	0.660	ng/ul	95
29) Benzo(g,h,i)perylene	25.779	276	10799	0.213	ng/ul	92

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

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