Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046070.D
Acq On : 19 Jun 2024 03:18
Operator : MA/JU
Sample : P2695-27MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jun 19 08:25:44 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 :
A4BN3MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.447	152	4157	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.220	136	11829	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.089	164	6575	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.827	188	13934	0.400	ng/ul	-0.03
17) Chrysene-d12	21.018	240	11234	0.400	ng/ul	-0.03
23) Perylene-d12	23.116	264	14980	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.046	96	2164	0.379	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	4392	0.277	ng/ul	-0.04
18) Fluoranthene-d10	18.857	212	10582	0.315	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.075	88	5922	0.926	ng/ul#	81
5) Naphthalene	10.270	128	11732	0.356	ng/ul	96
7) 2-Methylnaphthalene	11.903	142	6187	0.333	ng/ul	98
8) 1-Methylnaphthalene	12.117	142	6101	0.299	ng/ul	99
10) Acenaphthylene	13.811	152	14141	0.453	ng/ul	96
11) Acenaphthene	14.149	153	9652	0.429	ng/ul	98
12) Fluorene	15.139	166	10933	0.453	ng/ul	99
14) Pentachlorophenol	16.511	266	1545	0.370	ng/ul	98
15) Phenanthrene	16.870	178	97042	2.479	ng/ul	96
16) Anthracene	16.963	178	23942	0.821	ng/ul	96
19) Fluoranthene	18.884	202	247893	5.096	ng/ul	98
20) Pyrene	19.247	202	175151	3.330	ng/ul	98
21) Benzo(a)anthracene	21.000	228	114028	2.628	ng/ul	99
22) Chrysene	21.053	228	130880	2.363	ng/ul	99
24) Benzo(b)fluoranthene	22.499	252	186539m	3.456	ng/ul	
25) Benzo(k)fluoranthene	22.534	252	87869m	1.369	ng/ul	
26) Benzo(a)pyrene	23.025	252	64743	1.295	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.165	276	76452	0.934	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.169	278	35104	0.576	ng/ul	93
29) Benzo(g,h,i)perylene	25.789	276	11535	0.164	ng/ul	92

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

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