Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046252.D
Acq On : 24 Jun 2024 14:27
Operator : MA/JU
Sample : P2776-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 24 14:56:47 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 : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4CY6MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.447	152	1758	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.216	136	5222	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.067	164	3069	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.812	188	6157	0.400	ng/ul	-0.05
17) Chrysene-d12	21.003	240	5479	0.400	ng/ul	-0.04
23) Perylene-d12	23.095	264	7034m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	997	0.413	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	1987	0.283	ng/ul	-0.05
18) Fluoranthene-d10	18.835	212	4607	0.281	ng/ul	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.059	88	2623	0.970	ng/ul	84
5) Naphthalene	10.271	128	5872	0.403	ng/ul	97
7) 2-Methylnaphthalene	11.888	142	2983	0.364	ng/ul	99
8) 1-Methylnaphthalene	12.102	142	2929	0.326	ng/ul	99
10) Acenaphthylene	13.794	152	8369	0.575	ng/ul	99
11) Acenaphthene	14.132	153	4731	0.450	ng/ul	100
12) Fluorene	15.136	166	5147	0.456	ng/ul	98
14) Pentachlorophenol	16.495	266	894	0.484	ng/ul	97
15) Phenanthrene	16.854	178	48055	2.778	ng/ul	96
16) Anthracene	16.947	178	12638	0.981	ng/ul	98
19) Fluoranthene	18.867	202	118124	4.979	ng/ul	95
20) Pyrene	19.230	202	92511	3.606	ng/ul	95
21) Benzo(a)anthracene	20.985	228	56903	2.689	ng/ul	100
22) Chrysene	21.038	228	60021	2.222	ng/ul	99
24) Benzo(b)fluoranthene	22.475	252	88167m	3.479	ng/ul	
25) Benzo(k)fluoranthene	22.513	252	41799m	1.387	ng/ul	
26) Benzo(a)pyrene	23.004	252	36823	1.568	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.131	276	40727	1.060	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.135	278	16956	0.593	ng/ul	97
29) Benzo(g,h,i)perylene	25.755	276	6281	0.191	ng/ul#	87

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

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