Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046631.D
Acq On : 16 Jul 2024 13:14
Operator : MA/JU
Sample : P3139-03MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Jul 16 13:43:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4D00MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.506	152	3279	0.400	ng/ul		0.00
4) Naphthalene-d8	10.266	136	9197	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.146	164	6330	0.400	ng/ul		0.00
13) Phenanthrene-d10	16.901	188	13279	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.111	240	8979	0.400	ng/ul	#	0.00
23) Perylene-d12	23.253	264	10334	0.400	ng/ul		0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.118	96	924	0.343	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.860	152	4636	0.313	ng/ul		0.00
18) Fluoranthene-d10	18.942	212	10919	0.400	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.147	88	2460	0.856	ng/ul	#	85
5) Naphthalene	10.310	128	11541	0.493	ng/ul		97
7) 2-Methylnaphthalene	11.937	142	8556	0.521	ng/ul		99
8) 1-Methylnaphthalene	12.163	142	8499	0.507	ng/ul		99
10) Acenaphthylene	13.864	152	22610	0.785	ng/ul		99
11) Acenaphthene	14.211	153	8896	0.461	ng/ul		97
12) Fluorene	15.205	166	11637m	0.487	ng/ul		
14) Pentachlorophenol	16.559	266	4214	0.626	ng/ul		99
15) Phenanthrene	16.943	178	113336	2.991	ng/ul		98
16) Anthracene	17.032	178	29739	0.804	ng/ul		100
19) Fluoranthene	18.970	202	224455	6.086	ng/ul		99
20) Pyrene	19.332	202	123425	3.091	ng/ul		99
21) Benzo(a)anthracene	21.096	228	91424	2.302	ng/ul		95
22) Chrysene	21.146	228	108138	2.814	ng/ul		98
24) Benzo(b)fluoranthene	22.621	252	129422m	3.135	ng/ul		
25) Benzo(k)fluoranthene	22.659	252	60880m	1.502	ng/ul		
26) Benzo(a)pyrene	23.162	252	35210	1.036	ng/ul	#	95
27) Indeno(1,2,3-cd)pyrene	25.380	276	45147	0.873	ng/ul	#	98
28) Dibenzo(a,h)anthracene	25.400	278	26554	0.649	ng/ul	#	91
29) Benzo(g,h,i)perylene	26.030	276	6194	0.150	ng/ul	#	57

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

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