Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046655.D
Acq On : 17 Jul 2024 05:18
Operator : MA/JU
Sample : P3100-03MSD
Misc :
ALS Vial : 68 Sample Multiplier: 1

Quant Time: Jul 17 05:48:48 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 :
A4CD1MSD

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	7.497	152	2877	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.255	136	7394	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.141	164	4911	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.892	188	10890	0.400	ng/ul	0.00
17) Chrysene-d12	21.099	240	9116	0.400	ng/ul	0.00
23) Perylene-d12	23.238	264	11003	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	868	0.367	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	2925	0.245	ng/ul	-0.01
18) Fluoranthene-d10	18.932	212	7739	0.279	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.147	88	2347	0.930	ng/ul#	74
5) Naphthalene	10.304	128	4721	0.251	ng/ul	98
7) 2-Methylnaphthalene	11.932	142	3388	0.256	ng/ul	100
8) 1-Methylnaphthalene	12.152	142	3337	0.247	ng/ul	100
10) Acenaphthylene	13.854	152	5627	0.252	ng/ul	99
11) Acenaphthene	14.201	153	3979	0.266	ng/ul	97
12) Fluorene	15.201	166	4928	0.266	ng/ul	98
14) Pentachlorophenol	16.554	266	1583	0.287	ng/ul	98
15) Phenanthrene	16.934	178	9334	0.300	ng/ul	99
16) Anthracene	17.027	178	8151	0.269	ng/ul	99
19) Fluoranthene	18.965	202	13042	0.348	ng/ul	99
20) Pyrene	19.327	202	13288	0.328	ng/ul	100
21) Benzo(a)anthracene	21.084	228	11610	0.288	ng/ul	99
22) Chrysene	21.137	228	11448	0.293	ng/ul	100
24) Benzo(b)fluoranthene	22.601	252	13689	0.311	ng/ul	99
25) Benzo(k)fluoranthene	22.645	252	12445m	0.288	ng/ul	
26) Benzo(a)pyrene	23.145	252	11787	0.326	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.356	276	15467	0.281	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.370	278	11490	0.264	ng/ul	99
29) Benzo(g,h,i)perylene	26.000	276	12422	0.283	ng/ul	100

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

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