Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046442.D
Acq On : 08 Jul 2024 18:51
Operator : MA/JU
Sample : P3010-21DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BD0DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 00:58:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	8339	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	23631	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.174	164	14400	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.926	188	26707	0.400	ng/ul	-0.01
17) Chrysene-d12	21.131	240	15013	0.400	ng/ul	-0.01
23) Perylene-d12	23.285	264	15226	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	4298	0.499	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	1843	0.053	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	3316	0.063	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.343	128	4956	0.079	ng/ul	95
7) 2-Methylnaphthalene	11.970	142	1730	0.041	ng/ul	99
8) 1-Methylnaphthalene	12.190	142	1363	0.031	ng/ul	97
10) Acenaphthylene	13.891	152	6185	0.085	ng/ul	98
11) Acenaphthene	14.238	153	7271	0.153	ng/ul	100
12) Fluorene	15.233	166	7803	0.139	ng/ul	99
15) Phenanthrene	16.968	178	177207	2.216	ng/ul	98
16) Anthracene	17.057	178	29954	0.386	ng/ul	100
19) Fluoranthene	18.993	202	299383	3.945	ng/ul#	96
20) Pyrene	19.355	202	193067	2.473	ng/ul#	94
21) Benzo(a)anthracene	21.116	228	107565	1.604	ng/ul	97
22) Chrysene	21.166	228	109337	1.639	ng/ul	98
24) Benzo(b)fluoranthene	22.651	252	136536m	2.109	ng/ul	
25) Benzo(k)fluoranthene	22.689	252	47529m	0.727	ng/ul	
26) Benzo(a)pyrene	23.191	252	46634	0.911	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.420	276	44255	0.640	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.437	278	16359	0.306	ng/ul#	89
29) Benzo(g,h,i)perylene	26.071	276	6943	0.126	ng/ul#	82

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

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