Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042975.D
Acq On : 24 Nov 2023 12:26
Operator : MA/JU
Sample : SSTD0.273
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 24 14:34:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 14:31:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	494	0.400	ng/ul	0.04
4) Naphthalene-d8	10.684	136	1782	0.400	ng/ul	# 0.03
9) Acenaphthene-d10	14.479	164	1103	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.255	188	2123	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.432	240	1385	0.400	ng/ul	# 0.00
23) Perylene-d12	23.785	264	1885	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	200	0.266	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.295	152	436	0.191	ng/ul	0.05
18) Fluoranthene-d10	19.276	212	966	0.211	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.202	88	233	0.277	ng/ul#	91
5) Naphthalene	10.733	128	964	0.178	ng/ul#	67
7) 2-Methylnaphthalene	12.372	142	492	0.153	ng/ul	93
8) 1-Methylnaphthalene	12.548	142	622	0.183	ng/ul	97
10) Acenaphthylene	14.215	152	1077	0.154	ng/ul#	83
11) Acenaphthene	14.544	153	825	0.166	ng/ul	97
12) Fluorene	15.566	166	814	0.152	ng/ul#	95
14) Pentachlorophenol	16.960	266	112m	0.106	ng/ul	
15) Phenanthrene	17.302	178	1191	0.166	ng/ul#	81
16) Anthracene	17.416	178	1129	0.154	ng/ul#	78
19) Fluoranthene	19.309	202	1499	0.176	ng/ul#	82
20) Pyrene	19.671	202	1641	0.179	ng/ul#	89
21) Benzo(a)anthracene	21.426	228	798	0.131	ng/ul#	85
22) Chrysene	21.467	228	1758	0.210	ng/ul	95
24) Benzo(b)fluoranthene	23.060	252	1271	0.171	ng/ul	75
25) Benzo(k)fluoranthene	23.115	252	1689	0.182	ng/ul#	73
26) Benzo(a)pyrene	23.697	252	1317	0.174	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.279	276	1810	0.177	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.299	278	1411	0.185	ng/ul#	67
29) Benzo(g,h,i)perylene	27.030	276	1822	0.205	ng/ul#	83

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

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