Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045672.D
Acq On : 02 May 2024 17:30
Operator : MA/JU
Sample : SSTD0.228
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 03:21:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 03 03:08:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	226m	0.400	ng/ul	0.01
4) Naphthalene-d8	10.374	136	550	0.400	ng/ul	# 0.03
9) Acenaphthene-d10	14.206	164	404	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	936	0.400	ng/ul	0.00
17) Chrysene-d12	21.192	240	979	0.400	ng/ul	0.00
23) Perylene-d12	23.372	264	1432	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.154	96	53	0.183	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.991	152	176	0.238	ng/ul	0.04
18) Fluoranthene-d10	19.011	212	516	0.177	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.184	88	52	0.178	ng/ul#	85
5) Naphthalene	10.424	128	282	0.198	ng/ul#	62
7) 2-Methylnaphthalene	12.057	142	179	0.218	ng/ul	88
8) 1-Methylnaphthalene	12.255	142	197	0.213	ng/ul	94
10) Acenaphthylene	13.942	152	342	0.179	ng/ul#	71
11) Acenaphthene	14.271	153	256	0.180	ng/ul	94
12) Fluorene	15.298	166	276	0.178	ng/ul#	92
14) Pentachlorophenol	16.656	266	39	0.221	ng/ul	92
15) Phenanthrene	17.027	178	483	0.183	ng/ul#	83
16) Anthracene	17.137	178	446	0.179	ng/ul#	82
19) Fluoranthene	19.048	202	682	0.163	ng/ul#	82
20) Pyrene	19.411	202	734	0.169	ng/ul#	86
21) Benzo(a)anthracene	21.183	228	568	0.190	ng/ul#	88
22) Chrysene	21.227	228	914	0.201	ng/ul	94
24) Benzo(b)fluoranthene	22.723	252	846	0.184	ng/ul	85
25) Benzo(k)fluoranthene	22.770	252	1117	0.194	ng/ul#	84
26) Benzo(a)pyrene	23.296	252	886	0.185	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.581	276	1312	0.189	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.594	278	1030	0.188	ng/ul#	80
29) Benzo(g,h,i)perylene	26.238	276	1188	0.192	ng/ul#	90

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

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