Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061822\
Data File : BM035520.D
Acq On : 18 Jun 2022 14:00
Operator : CG/JU
Sample : SSTD0.846
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/20/2022
Supervised By :mohammad ahmed 06/22/2022

Quant Time: Jun 20 01:40:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:37:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	3922	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.633	136	13222	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.464	164	7142	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.220	188	14361	0.400	ng/ul	0.00
17) Chrysene-d12	21.406	240	11429	0.400	ng/ul	0.00
23) Perylene-d12	23.762	264	9922	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	4630	0.985	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	16776	0.795	ng/ul	-0.02
18) Fluoranthene-d10	19.247	212	33209	0.847	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	4681m	0.992	ng/ul	
5) Naphthalene	10.682	128	31929	0.731	ng/ul	97
7) 2-Methylnaphthalene	12.305	142	19184	0.669	ng/ul	100
8) 1-Methylnaphthalene	12.514	142	20657	0.774	ng/ul	95
10) Acenaphthylene	14.191	152	29734	0.703	ng/ul	98
11) Acenaphthene	14.529	153	22200	0.727	ng/ul	99
12) Fluorene	15.528	166	25193	0.706	ng/ul	99
14) Pentachlorophenol	16.921	266	2081	0.384	ng/ul#	63
15) Phenanthrene	17.263	178	38807	0.709	ng/ul	99
16) Anthracene	17.364	178	34123	0.685	ng/ul	98
19) Fluoranthene	19.280	202	44143	0.688	ng/ul	98
20) Pyrene	19.642	202	45589	0.699	ng/ul	99
21) Benzo(a)anthracene	21.395	228	32913	0.622	ng/ul	99
22) Chrysene	21.444	228	37861	0.688	ng/ul	100
24) Benzo(b)fluoranthene	23.043	252	34186	0.657	ng/ul	90
25) Benzo(k)fluoranthene	23.093	252	34331	0.691	ng/ul#	90
26) Benzo(a)pyrene	23.663	252	34124	0.721	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.199	276	38784	0.828	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.205	278	31573	0.847	ng/ul	93
29) Benzo(g,h,i)perylene	26.933	276	34536	0.857	ng/ul	99

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

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