Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
Data File : BM035664.D
Acq On : 24 Jun 2022 16:07
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4111

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022

Quant Time: Jun 25 04:06:00 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 01:56:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	2550	0.400	ng/ul	0.05
4) Naphthalene-d8	10.666	136	12324	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.478	164	5837	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	13476	0.400	ng/ul	0.02
17) Chrysene-d12	21.424	240	10103	0.400	ng/ul	0.01
23) Perylene-d12	23.774	264	7935	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	1979m	0.552	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.272	152	7815	0.427	ng/ul	0.03
18) Fluoranthene-d10	19.261	212	15180	0.447	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	1869m	0.523	ng/ul	
5) Naphthalene	10.715	128	13952	0.334	ng/ul	99
7) 2-Methylnaphthalene	12.349	142	8043	0.337	ng/ul	94
8) 1-Methylnaphthalene	12.536	142	8570	0.391	ng/ul	98
10) Acenaphthylene	14.214	152	14337	0.436	ng/ul	99
11) Acenaphthene	14.538	153	11074	0.455	ng/ul	99
12) Fluorene	15.556	166	12574	0.457	ng/ul	99
14) Pentachlorophenol	16.959	266	933	0.361	ng/ul	96
15) Phenanthrene	17.288	178	18903	0.383	ng/ul	99
16) Anthracene	17.398	178	14675	0.339	ng/ul	99
19) Fluoranthene	19.294	202	20541	0.398	ng/ul	99
20) Pyrene	19.652	202	24709	0.456	ng/ul	100
21) Benzo(a)anthracene	21.418	228	10898	0.285	ng/ul	99
22) Chrysene	21.459	228	17163	0.378	ng/ul	100
24) Benzo(b)fluoranthene	23.063	252	13378	0.385	ng/ul	96
25) Benzo(k)fluoranthene	23.113	252	12493	0.347	ng/ul	94
26) Benzo(a)pyrene	23.689	252	14010	0.389	ng/ul	89
27) Indeno(1,2,3-cd)pyrene	26.252	276	15480	0.373	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.259	278	12436	0.367	ng/ul#	91
29) Benzo(g,h,i)perylene	26.970	276	14694	0.395	ng/ul	96

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

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