Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
Data File : BM034486.D
Acq On : 31 Mar 2022 20:21
Operator : CG/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4068

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022

Quant Time: Apr 01 03:01:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 18:27:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	1958	0.400	ng/ul	0.02
4) Naphthalene-d8	10.757	136	6596	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.574	164	2942	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.329	188	4510	0.400	ng/ul	0.00
17) Chrysene-d12	21.504	240	4298	0.400	ng/ul	# 0.00
23) Perylene-d12	23.904	264	4619	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	1410	0.484	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	2840	0.319	ng/ul	0.02
18) Fluoranthene-d10	19.348	212	4874	0.363	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.339	88	1763	0.548	ng/ul#	72
5) Naphthalene	10.807	128	6433	0.337	ng/ul	94
7) 2-Methylnaphthalene	12.440	142	3653	0.313	ng/ul	97
8) 1-Methylnaphthalene	12.632	142	3723	0.319	ng/ul	100
10) Acenaphthylene	14.296	152	5383	0.380	ng/ul	94
11) Acenaphthene	14.638	153	4287	0.398	ng/ul	96
12) Fluorene	15.638	166	4134	0.359	ng/ul	99
14) Pentachlorophenol	16.999	266	591	0.325	ng/ul	98
15) Phenanthrene	17.371	178	5508	0.382	ng/ul	99
16) Anthracene	17.481	178	3963	0.313	ng/ul	99
19) Fluoranthene	19.380	202	6806	0.351	ng/ul	97
20) Pyrene	19.733	202	8207	0.384	ng/ul#	93
21) Benzo(a)anthracene	21.492	228	3991	0.297	ng/ul	99
22) Chrysene	21.539	228	5196	0.338	ng/ul	99
24) Benzo(b)fluoranthene	23.170	252	5082m	0.318	ng/ul	
25) Benzo(k)fluoranthene	23.219	252	4982m	0.322	ng/ul	
26) Benzo(a)pyrene	23.804	252	5733	0.346	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	26.434	276	7655	0.355	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.471	278	5263	0.325	ng/ul#	74
29) Benzo(g,h,i)perylene	27.186	276	8236	0.395	ng/ul	96

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

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