Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
Data File : BM034453.D
Acq On : 30 Mar 2022 23:12
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4066

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

Quant Time: Mar 31 03:15:40 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	7.950	152	2000	0.400	ng/ul	0.01
4) Naphthalene-d8	10.757	136	6230	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.578	164	2920	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.333	188	4537	0.400	ng/ul	0.00
17) Chrysene-d12	21.501	240	4555	0.400	ng/ul	# 0.00
23) Perylene-d12	23.903	264	4761	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	1455	0.489	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	2728	0.325	ng/ul	0.02
18) Fluoranthene-d10	19.348	212	4954	0.349	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.338	88	1755m	0.534	ng/ul	
5) Naphthalene	10.807	128	6120	0.339	ng/ul	94
7) 2-Methylnaphthalene	12.440	142	3519	0.319	ng/ul	98
8) 1-Methylnaphthalene	12.638	142	3539	0.321	ng/ul	100
10) Acenaphthylene	14.301	152	5312	0.378	ng/ul	94
11) Acenaphthene	14.638	153	4222	0.395	ng/ul	96
12) Fluorene	15.637	166	4081	0.357	ng/ul	95
14) Pentachlorophenol	16.999	266	619	0.339	ng/ul	99
15) Phenanthrene	17.371	178	5535	0.382	ng/ul	99
16) Anthracene	17.485	178	3939	0.310	ng/ul	99
19) Fluoranthene	19.380	202	6889	0.335	ng/ul	96
20) Pyrene	19.738	202	8332	0.367	ng/ul#	95
21) Benzo(a)anthracene	21.489	228	3835m	0.269	ng/ul	
22) Chrysene	21.533	228	5760m	0.353	ng/ul	
24) Benzo(b)fluoranthene	23.170	252	4911m	0.298	ng/ul	
25) Benzo(k)fluoranthene	23.222	252	5369m	0.337	ng/ul	
26) Benzo(a)pyrene	23.804	252	6149	0.360	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	26.431	276	7795	0.350	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.458	278	5422	0.325	ng/ul#	73
29) Benzo(g,h,i)perylene	27.179	276	8275	0.385	ng/ul	97

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

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