Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035093.D
Acq On : 15 May 2022 08:58
Operator : CG/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4098

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 16 00:58:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	4494	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	14070	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.547	164	9256	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	19917	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.474	240	15524	0.400	ng/ul	0.00
23) Perylene-d12	23.859	264	12935	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	1753	0.326	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	8178	0.364	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	18344	0.345	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	1708m	0.316	ng/ul	
5) Naphthalene	10.765	128	15392	0.331	ng/ul#	88
7) 2-Methylnaphthalene	12.376	142	10560	0.346	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	10292	0.363	ng/ul	100
10) Acenaphthylene	14.270	152	17895	0.326	ng/ul#	90
11) Acenaphthene	14.612	153	12805	0.324	ng/ul	95
12) Fluorene	15.597	166	14785	0.320	ng/ul#	97
14) Pentachlorophenol	16.946	266	2465	0.328	ng/ul	98
15) Phenanthrene	17.330	178	24325	0.321	ng/ul	94
16) Anthracene	17.423	178	22411	0.324	ng/ul#	92
19) Fluoranthene	19.350	202	27484	0.315	ng/ul	96
20) Pyrene	19.707	202	27908	0.315	ng/ul	98
21) Benzo(a)anthracene	21.456	228	22698	0.316	ng/ul	98
22) Chrysene	21.509	228	22996	0.308	ng/ul	98
24) Benzo(b)fluoranthene	23.134	252	20827	0.307	ng/ul	91
25) Benzo(k)fluoranthene	23.180	252	19961	0.308	ng/ul#	90
26) Benzo(a)pyrene	23.751	252	19169	0.311	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.329	276	19770	0.324	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.343	278	16061	0.331	ng/ul#	90
29) Benzo(g,h,i)perylene	27.081	276	16790	0.320	ng/ul	95

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

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