Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035561.D
Acq On : 11 Dec 2024 11:51
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 12:22:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD0.4361

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	1907	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	5715	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.949	164	3696	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	7996	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	7471	0.400	ng/ul	# 0.00
23) Perylene-d12	23.054	264	9032	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	641m	0.368	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	3400	0.406	ng/ul	0.00
18) Fluoranthene-d10	18.772	212	8014	0.389	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.993	88	837	0.442	ng/ul#	36
5) Naphthalene	10.086	128	5627m	0.391	ng/ul	
7) 2-Methylnaphthalene	11.714	142	3916	0.392	ng/ul	98
8) 1-Methylnaphthalene	11.939	142	3974	0.394	ng/ul	99
10) Acenaphthylene	13.662	152	6021	0.411	ng/ul	98
11) Acenaphthene	14.013	153	4534	0.404	ng/ul	97
12) Fluorene	15.013	166	5224	0.397	ng/ul	98
14) Pentachlorophenol	16.375	266	1025	0.550	ng/ul	99
15) Phenanthrene	16.759	178	8510	0.403	ng/ul	100
16) Anthracene	16.848	178	8210	0.418	ng/ul	99
19) Fluoranthene	18.800	202	9827	0.378	ng/ul#	96
20) Pyrene	19.167	202	10626	0.393	ng/ul#	93
21) Benzo(a)anthracene	20.947	228	10656	0.411	ng/ul	98
22) Chrysene	20.999	228	10570	0.405	ng/ul	99
24) Benzo(b)fluoranthene	22.440	252	11244	0.377	ng/ul	94
25) Benzo(k)fluoranthene	22.480	252	11931	0.388	ng/ul#	93
26) Benzo(a)pyrene	22.960	252	10876	0.399	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.084	276	14413	0.391	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.104	278	11031	0.382	ng/ul#	92
29) Benzo(g,h,i)perylene	25.698	276	11436	0.394	ng/ul#	94

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

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