Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035614.D
Acq On : 16 Dec 2024 13:26
Operator : RC/JU
Sample : SSTD0.244
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 16 14:43:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 14:42:43 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	2644	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7479	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	5475	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	12592	0.400	ng/ul	0.00
17) Chrysene-d12	20.964	240	11173	0.400	ng/ul	0.00
23) Perylene-d12	23.051	264	12524	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	483	0.202	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	2182	0.202	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	6553	0.213	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.993	88	416m	0.160	ng/ul	
5) Naphthalene	10.081	128	3638m	0.192	ng/ul	
7) 2-Methylnaphthalene	11.714	142	2535	0.198	ng/ul	100
8) 1-Methylnaphthalene	11.939	142	2627	0.202	ng/ul	98
10) Acenaphthylene	13.662	152	4253	0.197	ng/ul	99
11) Acenaphthene	14.009	153	3235	0.196	ng/ul	100
12) Fluorene	15.013	166	3751	0.194	ng/ul	99
14) Pentachlorophenol	16.384	266	574	0.192	ng/ul	98
15) Phenanthrene	16.760	178	6344	0.193	ng/ul	99
16) Anthracene	16.848	178	5908	0.193	ng/ul	98
19) Fluoranthene	18.800	202	7975	0.206	ng/ul	98
20) Pyrene	19.167	202	8876	0.218	ng/ul	99
21) Benzo(a)anthracene	20.950	228	7488	0.196	ng/ul	99
22) Chrysene	21.002	228	7804	0.201	ng/ul	98
24) Benzo(b)fluoranthene	22.440	252	7484	0.185	ng/ul	90
25) Benzo(k)fluoranthene	22.481	252	8128	0.194	ng/ul#	88
26) Benzo(a)pyrene	22.963	252	7281	0.195	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.088	276	8769	0.178	ng/ul#	79
28) Dibenzo(a,h)anthracene	25.101	278	6701	0.174	ng/ul#	88
29) Benzo(g,h,i)perylene	25.698	276	7147	0.183	ng/ul#	91

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

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