Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022125\
Data File : BN036487.D
Acq On : 21 Feb 2025 13:30
Operator : RC/JU
Sample : SSTD0.864
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 21 14:03:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN022125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 21 13:54:23 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD0.8248

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	2422	0.400	ng/ul	0.00
4) Naphthalene-d8	10.529	136	5793	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.382	164	3550	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.129	188	7452	0.400	ng/ul	0.00
17) Chrysene-d12	21.316	240	6310	0.400	ng/ul	0.00
23) Perylene-d12	23.581	264	5449	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.231	96	2121	0.780	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.124	152	6582	0.865	ng/ul	0.00
18) Fluoranthene-d10	19.156	212	16034	0.896	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.265	88	2295	0.780	ng/ul	94
5) Naphthalene	10.579	128	13552	0.833	ng/ul	98
7) 2-Methylnaphthalene	12.201	142	8897	0.859	ng/ul	99
8) 1-Methylnaphthalene	12.421	142	9296	0.878	ng/ul	100
10) Acenaphthylene	14.104	152	13207	0.788	ng/ul	98
11) Acenaphthene	14.446	153	10632	0.842	ng/ul	99
12) Fluorene	15.432	166	12209	0.873	ng/ul	98
14) Pentachlorophenol	16.783	266	2032	0.794	ng/ul	99
15) Phenanthrene	17.167	178	19694	0.876	ng/ul	99
16) Anthracene	17.260	178	17622	0.858	ng/ul	99
19) Fluoranthene	19.188	202	22351	0.899	ng/ul	97
20) Pyrene	19.551	202	22884	0.881	ng/ul	98
21) Benzo(a)anthracene	21.298	228	18724	0.823	ng/ul	99
22) Chrysene	21.351	228	19963	0.843	ng/ul	99
24) Benzo(b)fluoranthene	22.897	252	17298	0.922	ng/ul	94
25) Benzo(k)fluoranthene	22.940	252	18275m	0.922	ng/ul	
26) Benzo(a)pyrene	23.481	252	15243	0.887	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.873	276	16825	0.767	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.890	278	12911	0.768	ng/ul	95
29) Benzo(g,h,i)perylene	26.574	276	13464	0.782	ng/ul	98

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

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