Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036171.D
Acq On : 31 Jan 2025 17:02
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4393

Quant Time: Jan 31 17:48:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	2439	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.588	136	5561	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.436	164	3433	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.183	188	7887	0.400	ng/ul	0.00
17) Chrysene-d12	21.368	240	8245	0.400	ng/ul	0.00
23) Perylene-d12	23.666	264	9075	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	1040	0.389	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.183	152	3325	0.474	ng/ul	-0.02
18) Fluoranthene-d10	19.210	212	8840	0.390	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	1126	0.395	ng/ul	94
5) Naphthalene	10.632	128	6065	0.396	ng/ul	99
7) 2-Methylnaphthalene	12.255	142	3978	0.418	ng/ul	100
8) 1-Methylnaphthalene	12.475	142	4148	0.429	ng/ul	100
10) Acenaphthylene	14.154	152	6251	0.386	ng/ul	98
11) Acenaphthene	14.496	153	4543	0.381	ng/ul	96
12) Fluorene	15.486	166	5316	0.404	ng/ul	99
14) Pentachlorophenol	16.841	266	1059	0.383	ng/ul	99
15) Phenanthrene	17.220	178	9040	0.391	ng/ul	99
16) Anthracene	17.313	178	8118	0.378	ng/ul	100
19) Fluoranthene	19.242	202	11132	0.355	ng/ul	99
20) Pyrene	19.605	202	11662	0.357	ng/ul	99
21) Benzo(a)anthracene	21.354	228	11613	0.395	ng/ul	98
22) Chrysene	21.403	228	11863	0.395	ng/ul	99
24) Benzo(b)fluoranthene	22.973	252	12521	0.413	ng/ul	92
25) Benzo(k)fluoranthene	23.019	252	12364	0.388	ng/ul	95
26) Benzo(a)pyrene	23.563	252	9968	0.364	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.004	276	12856	0.355	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.017	278	10105	0.362	ng/ul	97
29) Benzo(g,h,i)perylene	26.718	276	9881	0.352	ng/ul	98

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

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