Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012125\
Data File : BM049359.D
Acq On : 21 Jan 2025 10:36
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4137

Quant Time: Jan 21 22:48:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:40:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	5252	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	15031	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.169	164	8163	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.926	188	14658	0.400	ng/ul	0.00
17) Chrysene-d12	21.125	240	8923	0.400	ng/ul	0.00
23) Perylene-d12	23.273	264	9271	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.126	96	2492	0.408	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	8054	0.421	ng/ul	0.00
18) Fluoranthene-d10	18.956	212	13377	0.439	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.160	88	3006	0.437	ng/ul#	91
5) Naphthalene	10.343	128	14975	0.406	ng/ul	99
7) 2-Methylnaphthalene	11.970	142	8807	0.402	ng/ul	99
8) 1-Methylnaphthalene	12.185	142	9494	0.408	ng/ul	98
10) Acenaphthylene	13.887	152	12656	0.418	ng/ul	99
11) Acenaphthene	14.229	153	9576	0.399	ng/ul	99
12) Fluorene	15.233	166	10020	0.403	ng/ul	100
14) Pentachlorophenol	16.588	266	996	0.352	ng/ul	95
15) Phenanthrene	16.964	178	13682	0.403	ng/ul	100
16) Anthracene	17.065	178	11441	0.380	ng/ul	99
19) Fluoranthene	18.988	202	16476	0.428	ng/ul	99
20) Pyrene	19.351	202	16770	0.423	ng/ul	99
21) Benzo(a)anthracene	21.114	228	9263	0.362	ng/ul	99
22) Chrysene	21.160	228	14458	0.412	ng/ul	100
24) Benzo(b)fluoranthene	22.639	252	11965	0.393	ng/ul	97
25) Benzo(k)fluoranthene	22.680	252	14264	0.402	ng/ul	98
26) Benzo(a)pyrene	23.189	252	9825	0.357	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.407	276	12806	0.343	ng/ul	100
28) Dibenzo(a,h)anthracene	25.433	278	8334	0.309	ng/ul	96
29) Benzo(g,h,i)perylene	26.037	276	12856	0.388	ng/ul	99

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

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