Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012224\
Data File : BM043889.D
Acq On : 22 Jan 2024 17:54
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4181

Quant Time: Jan 22 18:25:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 22:45:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	4042	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	10752	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.580	164	4943	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	9261	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	6027	0.400	ng/ul	0.00
23) Perylene-d12	23.949	264	7812	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	2309	0.419	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	4806	0.352	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	7012	0.353	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	2369	0.399	ng/ul	98
5) Naphthalene	10.815	128	11174	0.357	ng/ul	99
7) 2-Methylnaphthalene	12.437	142	6416	0.353	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	6597	0.354	ng/ul	99
10) Acenaphthylene	14.311	152	9844	0.373	ng/ul	99
11) Acenaphthene	14.645	153	7271	0.370	ng/ul	99
12) Fluorene	15.648	166	7264	0.357	ng/ul	96
14) Pentachlorophenol	17.052	266	370	0.315	ng/ul#	82
15) Phenanthrene	17.389	178	10407	0.355	ng/ul	98
16) Anthracene	17.499	178	9831	0.359	ng/ul	98
19) Fluoranthene	19.405	202	11485	0.358	ng/ul	98
20) Pyrene	19.768	202	12248	0.365	ng/ul	99
21) Benzo(a)anthracene	21.526	228	8262	0.353	ng/ul	99
22) Chrysene	21.576	228	11830	0.375	ng/ul	99
24) Benzo(b)fluoranthene	23.213	252	10298	0.346	ng/ul	98
25) Benzo(k)fluoranthene	23.262	252	14113m	0.395	ng/ul	
26) Benzo(a)pyrene	23.853	252	10673	0.352	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.470	276	14967	0.382	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.501	278	11390	0.381	ng/ul	99
29) Benzo(g,h,i)perylene	27.232	276	13626	0.390	ng/ul	98

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

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