Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039709.D
Acq On : 27 Apr 2023 17:12
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4086

Quant Time: Apr 28 02:31:29 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	2398	0.400	ng/ul	0.02
4) Naphthalene-d8	10.622	136	10274	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.460	164	6018	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.221	188	10723	0.400	ng/ul	0.00
17) Chrysene-d12	21.413	240	9947	0.400	ng/ul	0.00
23) Perylene-d12	23.766	264	8985	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	1766	0.500	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	5012	0.380	ng/ul	0.01
18) Fluoranthene-d10	19.252	212	10713	0.400	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	1854	0.506	ng/ul#	48
5) Naphthalene	10.677	128	9926	0.385	ng/ul	98
7) 2-Methylnaphthalene	12.305	142	5527	0.371	ng/ul	98
8) 1-Methylnaphthalene	12.503	142	6169	0.386	ng/ul	100
10) Acenaphthylene	14.187	152	9058	0.389	ng/ul	99
11) Acenaphthene	14.525	153	7438	0.407	ng/ul	98
12) Fluorene	15.524	166	7829	0.386	ng/ul	99
14) Pentachlorophenol	16.908	266	1316	0.563	ng/ul	98
15) Phenanthrene	17.263	178	11530	0.408	ng/ul	99
16) Anthracene	17.364	178	8684	0.358	ng/ul	98
19) Fluoranthene	19.280	202	13931	0.393	ng/ul	99
20) Pyrene	19.643	202	15651	0.408	ng/ul	98
21) Benzo(a)anthracene	21.401	228	9995	0.349	ng/ul	99
22) Chrysene	21.451	228	13469	0.416	ng/ul	100
24) Benzo(b)fluoranthene	23.049	252	12855	0.407	ng/ul	97
25) Benzo(k)fluoranthene	23.099	252	12395	0.386	ng/ul	97
26) Benzo(a)pyrene	23.672	252	11499	0.406	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.206	276	14765	0.412	ng/ul	99
28) Dibenzo(a,h)anthracene	26.229	278	11220	0.404	ng/ul	98
29) Benzo(g,h,i)perylene	26.957	276	13309	0.426	ng/ul	99

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

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