Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072623\
Data File : BM041139.D
Acq On : 26 Jul 2023 17:19
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4051

Quant Time: Jul 27 01:19:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	2851	0.400	ng/ul	0.00
4) Naphthalene-d8	10.642	136	9954	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.490	164	4973	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	9443	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	8467	0.400	ng/ul	0.00
23) Perylene-d12	23.836	264	7957	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	1851	0.421	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	5636	0.397	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	10465	0.454	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.288	88	1905	0.424	ng/ul#	56
5) Naphthalene	10.691	128	10885	0.336	ng/ul	99
7) 2-Methylnaphthalene	12.319	142	6245	0.394	ng/ul	100
8) 1-Methylnaphthalene	12.533	142	6432	0.395	ng/ul	100
10) Acenaphthylene	14.213	152	8162	0.389	ng/ul	99
11) Acenaphthene	14.555	153	6981	0.394	ng/ul	99
12) Fluorene	15.554	166	7475	0.386	ng/ul	100
14) Pentachlorophenol	16.919	266	953	0.347	ng/ul	97
15) Phenanthrene	17.299	178	11216	0.385	ng/ul	100
16) Anthracene	17.396	178	8938	0.379	ng/ul	99
19) Fluoranthene	19.320	202	12791	0.422	ng/ul	98
20) Pyrene	19.682	202	13749	0.411	ng/ul	99
21) Benzo(a)anthracene	21.436	228	10598	0.374	ng/ul	100
22) Chrysene	21.489	228	12329	0.377	ng/ul	100
24) Benzo(b)fluoranthene	23.108	252	12426	0.392	ng/ul	99
25) Benzo(k)fluoranthene	23.155	252	12004	0.397	ng/ul	99
26) Benzo(a)pyrene	23.737	252	10345	0.403	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.300	276	14505	0.381	ng/ul#	53
28) Dibenzo(a,h)anthracene	26.320	278	11461	0.384	ng/ul	99
29) Benzo(g,h,i)perylene	27.055	276	13039	0.384	ng/ul	99

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

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