Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
Data File : BM042185.D
Acq On : 04 Oct 2023 13:01
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4109

Quant Time: Oct 05 03:19:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 19:28:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3614	0.400	ng/ul	0.00
4) Naphthalene-d8	10.741	136	8906	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.578	164	3895	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.333	188	8518	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.510	240	5204	0.400	ng/ul	0.00
23) Perylene-d12	23.912	264	5447	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	2079	0.432	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	4559	0.373	ng/ul	-0.01
18) Fluoranthene-d10	19.357	212	7606	0.389	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	2183	0.434	ng/ul	90
5) Naphthalene	10.790	128	11614	0.391	ng/ul	100
7) 2-Methylnaphthalene	12.401	142	6810	0.383	ng/ul	99
8) 1-Methylnaphthalene	12.621	142	6825	0.381	ng/ul	99
10) Acenaphthylene	14.305	152	9770	0.397	ng/ul	99
11) Acenaphthene	14.638	153	7703	0.414	ng/ul	99
12) Fluorene	15.628	166	9392	0.448	ng/ul	97
14) Pentachlorophenol	16.966	266	1903	0.493	ng/ul	99
15) Phenanthrene	17.375	178	14613	0.416	ng/ul	100
16) Anthracene	17.468	178	13467	0.419	ng/ul	99
19) Fluoranthene	19.385	202	17891	0.453	ng/ul#	93
20) Pyrene	19.752	202	19183	0.457	ng/ul	93
21) Benzo(a)anthracene	21.492	228	14977	0.446	ng/ul	99
22) Chrysene	21.545	228	14629	0.447	ng/ul	99
24) Benzo(b)fluoranthene	23.173	252	15128	0.471	ng/ul	97
25) Benzo(k)fluoranthene	23.219	252	14865	0.470	ng/ul#	93
26) Benzo(a)pyrene	23.804	252	12772	0.461	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.398	276	18224	0.464	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.418	278	13289	0.449	ng/ul#	94
29) Benzo(g,h,i)perylene	27.169	276	15425	0.470	ng/ul	93

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

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