Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041042.D
Acq On : 22 Jul 2023 07:12
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4192

Quant Time: Jul 22 07:41:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 18:20:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	3859	0.400	ng/ul	0.00
4) Naphthalene-d8	10.663	136	14538	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.513	164	8019	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	14000	0.400	ng/ul	0.00
17) Chrysene-d12	21.463	240	9400	0.400	ng/ul	0.00
23) Perylene-d12	23.857	264	9125	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	2536	0.400	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	9126	0.471	ng/ul	0.00
18) Fluoranthene-d10	19.306	212	13956	0.353	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.313	88	2539	0.380	ng/ul#	81
5) Naphthalene	10.718	128	16854	0.424	ng/ul	99
7) 2-Methylnaphthalene	12.335	142	10102	0.463	ng/ul	100
8) 1-Methylnaphthalene	12.555	142	10587	0.457	ng/ul	99
10) Acenaphthylene	14.236	152	14193	0.423	ng/ul	98
11) Acenaphthene	14.573	153	12112	0.409	ng/ul	98
12) Fluorene	15.573	166	12674	0.413	ng/ul	97
14) Pentachlorophenol	16.936	266	1180	0.418	ng/ul	97
15) Phenanthrene	17.316	178	17599	0.421	ng/ul	99
16) Anthracene	17.409	178	13876	0.426	ng/ul	99
19) Fluoranthene	19.334	202	17503	0.361	ng/ul	95
20) Pyrene	19.696	202	18631	0.376	ng/ul	95
21) Benzo(a)anthracene	21.448	228	12247	0.428	ng/ul	100
22) Chrysene	21.501	228	13978	0.427	ng/ul	99
24) Benzo(b)fluoranthene	23.126	252	14190	0.405	ng/ul	94
25) Benzo(k)fluoranthene	23.172	252	13431	0.404	ng/ul#	96
26) Benzo(a)pyrene	23.748	252	12354	0.408	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.327	276	18086	0.451	ng/ul#	47
28) Dibenzo(a,h)anthracene	26.347	278	14141	0.466	ng/ul#	90
29) Benzo(g,h,i)perylene	27.085	276	16462	0.444	ng/ul#	93

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

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