Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
Data File : BM041518.D
Acq On : 28 Aug 2023 12:13
Operator : MA/JU
Sample : SSTD0.213
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Quant Time: Aug 28 13:35:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 13:32:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	10467	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	26371	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	11476	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	20517	0.400	ng/ul	0.00
17) Chrysene-d12	21.691	240	9513	0.400	ng/ul	0.00
23) Perylene-d12	24.260	264	11850	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	2586	0.195	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	6914	0.199	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	7691	0.183	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.486	88	2726	0.200	ng/ul#	89
5) Naphthalene	10.993	128	16883	0.215	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	10066	0.213	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	10179	0.212	ng/ul	99
10) Acenaphthylene	14.481	152	15069	0.219	ng/ul	99
11) Acenaphthene	14.814	153	10658	0.222	ng/ul	99
12) Fluorene	15.799	166	11320	0.211	ng/ul	100
14) Pentachlorophenol	17.126	266	1594	0.412	ng/ul	98
15) Phenanthrene	17.548	178	16659	0.221	ng/ul	100
16) Anthracene	17.637	178	15093	0.220	ng/ul	99
19) Fluoranthene	19.557	202	17093	0.196	ng/ul	99
20) Pyrene	19.919	202	17264	0.196	ng/ul	96
21) Benzo(a)anthracene	21.673	228	13485	0.218	ng/ul	100
22) Chrysene	21.729	228	13399	0.200	ng/ul	99
24) Benzo(b)fluoranthene	23.462	252	15025	0.185	ng/ul	92
25) Benzo(k)fluoranthene	23.515	252	14553	0.179	ng/ul#	94
26) Benzo(a)pyrene	24.140	252	13537	0.203	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.971	276	18338	0.220	ng/ul#	98
28) Dibenzo(a,h)anthracene	27.004	278	13144	0.206	ng/ul	95
29) Benzo(g,h,i)perylene	27.816	276	15153	0.206	ng/ul	97

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

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