Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
Data File : BM041514.D
Acq On : 26 Aug 2023 04:28
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4058

Quant Time: Aug 26 05:02:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 24 18:34:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	12926	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	34592	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	16587	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	30812	0.400	ng/ul	0.00
17) Chrysene-d12	21.694	240	12461	0.400	ng/ul	-0.01
23) Perylene-d12	24.260	264	15173	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	5517	0.337	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	16460	0.360	ng/ul	0.00
18) Fluoranthene-d10	19.529	212	19906	0.362	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.486	88	5678	0.337	ng/ul	97
5) Naphthalene	10.994	128	38069	0.369	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	23645	0.382	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	23920	0.380	ng/ul	100
10) Acenaphthylene	14.481	152	37599	0.377	ng/ul	100
11) Acenaphthene	14.814	153	26023	0.375	ng/ul	98
12) Fluorene	15.799	166	28698	0.370	ng/ul	100
14) Pentachlorophenol	17.126	266	3457	0.595	ng/ul	97
15) Phenanthrene	17.548	178	41662	0.368	ng/ul	100
16) Anthracene	17.641	178	39355	0.382	ng/ul	100
19) Fluoranthene	19.557	202	40964	0.358	ng/ul	99
20) Pyrene	19.924	202	41308	0.358	ng/ul	98
21) Benzo(a)anthracene	21.676	228	28944	0.357	ng/ul	98
22) Chrysene	21.732	228	27653	0.316	ng/ul	99
24) Benzo(b)fluoranthene	23.462	252	30375	0.292	ng/ul	91
25) Benzo(k)fluoranthene	23.518	252	29302	0.282	ng/ul#	92
26) Benzo(a)pyrene	24.143	252	27577	0.323	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.971	276	37193	0.349	ng/ul#	97
28) Dibenzo(a,h)anthracene	27.011	278	27504	0.337	ng/ul	96
29) Benzo(g,h,i)perylene	27.820	276	30772	0.328	ng/ul	99

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

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