Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
Data File : BM041980.D
Acq On : 22 Sep 2023 10:55
Operator : MA/JU
Sample : SSTD0.243
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Quant Time: Sep 22 12:59:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 12:58:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	5869	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	13188	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	5801	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	11857	0.400	ng/ul	0.00
17) Chrysene-d12	21.524	240	5706	0.400	ng/ul	0.00
23) Perylene-d12	23.933	264	5658	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.377	96	1610	0.225	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	3283	0.184	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	4679	0.214	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	1662	0.223	ng/ul#	77
5) Naphthalene	10.818	128	8933	0.204	ng/ul	98
7) 2-Methylnaphthalene	12.423	142	5273	0.193	ng/ul	99
8) 1-Methylnaphthalene	12.643	142	5348	0.192	ng/ul	99
10) Acenaphthylene	14.328	152	7728	0.195	ng/ul	98
11) Acenaphthene	14.662	153	6000	0.214	ng/ul	99
12) Fluorene	15.652	166	6689	0.206	ng/ul	97
14) Pentachlorophenol	16.983	266	1217	0.177	ng/ul	99
15) Phenanthrene	17.396	178	11185	0.227	ng/ul	99
16) Anthracene	17.485	178	9419	0.204	ng/ul	98
19) Fluoranthene	19.404	202	13016	0.275	ng/ul	99
20) Pyrene	19.771	202	12837	0.263	ng/ul	100
21) Benzo(a)anthracene	21.507	228	8671	0.233	ng/ul	99
22) Chrysene	21.562	228	9144	0.257	ng/ul	100
24) Benzo(b)fluoranthene	23.190	252	8724	0.254	ng/ul	89
25) Benzo(k)fluoranthene	23.240	252	8278	0.250	ng/ul#	88
26) Benzo(a)pyrene	23.828	252	7170	0.248	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.431	276	9825	0.257	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.448	278	7108	0.251	ng/ul	93
29) Benzo(g,h,i)perylene	27.206	276	8268	0.262	ng/ul	96

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

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