Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031524\
Data File : BM044617.D
Acq On : 14 Mar 2024 17:17
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4054

Quant Time: Mar 14 17:46:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM031124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 14:02:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	4389	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.490	136	14088	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.349	164	7220	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.107	188	16113	0.400	ng/ul	-0.01
17) Chrysene-d12	21.303	240	14457	0.400	ng/ul	-0.01
23) Perylene-d12	23.557	264	16930	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	2386	0.415	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.090	152	7607	0.376	ng/ul	-0.01
18) Fluoranthene-d10	19.141	212	15894	0.313	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	2478	0.421	ng/ul#	72
5) Naphthalene	10.539	128	15223	0.384	ng/ul	99
7) 2-Methylnaphthalene	12.167	142	9203	0.367	ng/ul	99
8) 1-Methylnaphthalene	12.382	142	9269	0.366	ng/ul	100
10) Acenaphthylene	14.072	152	14348	0.391	ng/ul	99
11) Acenaphthene	14.414	153	10211	0.385	ng/ul	100
12) Fluorene	15.413	166	11445	0.378	ng/ul	99
14) Pentachlorophenol	16.769	266	1525	0.392	ng/ul	97
15) Phenanthrene	17.149	178	18467	0.382	ng/ul	99
16) Anthracene	17.247	178	17809	0.392	ng/ul	100
19) Fluoranthene	19.169	202	21800	0.308	ng/ul	96
20) Pyrene	19.536	202	22861	0.315	ng/ul	99
21) Benzo(a)anthracene	21.292	228	21613	0.393	ng/ul	99
22) Chrysene	21.341	228	23682	0.383	ng/ul	99
24) Benzo(b)fluoranthene	22.875	252	23968	0.371	ng/ul	98
25) Benzo(k)fluoranthene	22.919	252	26761	0.382	ng/ul	98
26) Benzo(a)pyrene	23.457	252	22523	0.384	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.825	276	29907	0.443	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.849	278	24104	0.463	ng/ul	98
29) Benzo(g,h,i)perylene	26.513	276	25100	0.424	ng/ul	98

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

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