Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071024\
Data File : BM046503.D
Acq On : 10 Jul 2024 16:06
Operator : MA/JU
Sample : SSTD1.673
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

Quant Time: Jul 10 16:55:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 15:36:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.518	152	1553	0.400	ng/ul	0.00
4) Naphthalene-d8	10.282	136	3712	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.164	164	2368	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.913	188	5079	0.400	ng/ul	0.00
17) Chrysene-d12	21.120	240	4655	0.400	ng/ul	0.00
23) Perylene-d12	23.268	264	5771	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	1996	1.286	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.877	152	9475	1.670	ng/ul	0.00
18) Fluoranthene-d10	18.951	212	21384	1.316	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.156	88	2230	1.282	ng/ul#	75
5) Naphthalene	10.326	128	14734	1.486	ng/ul	96
7) 2-Methylnaphthalene	11.954	142	10374	1.535	ng/ul	100
8) 1-Methylnaphthalene	12.179	142	10566	1.524	ng/ul	98
10) Acenaphthylene	13.878	152	16887	1.412	ng/ul	97
11) Acenaphthene	14.225	153	11381	1.457	ng/ul	96
12) Fluorene	15.219	166	14124	1.517	ng/ul	98
14) Pentachlorophenol	16.567	266	4040	2.311	ng/ul	100
15) Phenanthrene	16.956	178	22573	1.473	ng/ul	99
16) Anthracene	17.044	178	22094	1.485	ng/ul	98
19) Fluoranthene	18.979	202	28447	1.230	ng/ul	98
20) Pyrene	19.346	202	29940	1.252	ng/ul	97
21) Benzo(a)anthracene	21.105	228	30702	1.460	ng/ul	98
22) Chrysene	21.158	228	29490	1.418	ng/ul	99
24) Benzo(b)fluoranthene	22.633	252	34773	1.410	ng/ul	91
25) Benzo(k)fluoranthene	22.674	252	33903	1.365	ng/ul#	90
26) Benzo(a)pyrene	23.177	252	29161	1.484	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.397	276	45339	1.663	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.420	278	35537	1.679	ng/ul#	92
29) Benzo(g,h,i)perylene	26.044	276	36130	1.665	ng/ul	96

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

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