Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046651.D
Acq On : 17 Jul 2024 02:14
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4171

Quant Time: Jul 17 04:16:46 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 : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.497	152	2171	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.260	136	5669	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.141	164	3688	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.896	188	8385	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	7076	0.400	ng/ul	0.00
23) Perylene-d12	23.238	264	8376	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	651	0.365	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	3702	0.405	ng/ul	-0.01
18) Fluoranthene-d10	18.932	212	8487	0.394	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.147	88	619	0.325	ng/ul	89
5) Naphthalene	10.304	128	5978	0.415	ng/ul	98
7) 2-Methylnaphthalene	11.932	142	4179	0.412	ng/ul	99
8) 1-Methylnaphthalene	12.157	142	4320	0.418	ng/ul	99
10) Acenaphthylene	13.859	152	7152	0.426	ng/ul	98
11) Acenaphthene	14.201	153	4782	0.425	ng/ul	98
12) Fluorene	15.201	166	5748	0.413	ng/ul	98
14) Pentachlorophenol	16.554	266	1467	0.345	ng/ul	99
15) Phenanthrene	16.934	178	9431	0.394	ng/ul	99
16) Anthracene	17.027	178	9235	0.395	ng/ul	99
19) Fluoranthene	18.965	202	11581	0.398	ng/ul	99
20) Pyrene	19.327	202	11941	0.379	ng/ul	99
21) Benzo(a)anthracene	21.084	228	11554	0.369	ng/ul	99
22) Chrysene	21.137	228	11005	0.363	ng/ul	100
24) Benzo(b)fluoranthene	22.604	252	12671	0.379	ng/ul	100
25) Benzo(k)fluoranthene	22.648	252	12199	0.371	ng/ul	98
26) Benzo(a)pyrene	23.145	252	11714	0.425	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.360	276	15478	0.369	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.376	278	12290	0.370	ng/ul	97
29) Benzo(g,h,i)perylene	26.004	276	12646	0.378	ng/ul	99

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

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