Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045971.D
Acq On : 11 Jun 2024 04:00
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4124

Quant Time: Jun 11 04:39:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	4436	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.244	136	14897	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.113	164	8034	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.863	188	13654	0.400	ng/ul	0.00
17) Chrysene-d12	21.046	240	9380	0.400	ng/ul	0.00
23) Perylene-d12	23.150	264	12487	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	2196	0.435	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.844	152	7761	0.362	ng/ul	0.00
18) Fluoranthene-d10	18.886	212	10921	0.389	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.092	88	2651	0.459	ng/ul#	74
5) Naphthalene	10.293	128	15029	0.386	ng/ul	99
7) 2-Methylnaphthalene	11.921	142	8916	0.359	ng/ul	99
8) 1-Methylnaphthalene	12.135	142	9783	0.362	ng/ul	99
10) Acenaphthylene	13.831	152	13722	0.376	ng/ul	99
11) Acenaphthene	14.174	153	10134	0.377	ng/ul	99
12) Fluorene	15.173	166	10375	0.346	ng/ul	100
14) Pentachlorophenol	16.546	266	885	0.347	ng/ul	97
15) Phenanthrene	16.901	178	13595	0.355	ng/ul	99
16) Anthracene	16.998	178	10405	0.318	ng/ul	99
19) Fluoranthene	18.918	202	14641	0.391	ng/ul	100
20) Pyrene	19.281	202	15227	0.390	ng/ul	98
21) Benzo(a)anthracene	21.029	228	11850	0.344	ng/ul	99
22) Chrysene	21.081	228	14864	0.397	ng/ul	99
24) Benzo(b)fluoranthene	22.528	252	15421	0.372	ng/ul	98
25) Benzo(k)fluoranthene	22.569	252	16865	0.371	ng/ul	99
26) Benzo(a)pyrene	23.057	252	15290	0.371	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.212	276	20684	0.388	ng/ul	97
28) Dibenzo(a,h)anthracene	25.222	278	16345	0.384	ng/ul	98
29) Benzo(g,h,i)perylene	25.839	276	18267	0.398	ng/ul	97

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

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