Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045703.D
Acq On : 03 May 2024 20:07
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4111

Quant Time: May 03 23:27:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 03 03:27:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.530	152	330	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.314	136	1023	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.182	164	733	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.954	188	1699	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.170	240	1788	0.400	ng/ul	#-0.02
23) Perylene-d12	23.350	264	2487	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.150	96	164	0.439	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	677	0.419	ng/ul	-0.03
18) Fluoranthene-d10	18.992	212	1806	0.402	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.180	88	149	0.385	ng/ul#	84
5) Naphthalene	10.358	128	1106	0.424	ng/ul#	83
7) 2-Methylnaphthalene	12.002	142	698	0.442	ng/ul	99
8) 1-Methylnaphthalene	12.206	142	732	0.419	ng/ul	96
10) Acenaphthylene	13.904	152	1256	0.408	ng/ul#	90
11) Acenaphthene	14.247	153	926	0.406	ng/ul	100
12) Fluorene	15.260	166	1053	0.398	ng/ul#	95
14) Pentachlorophenol	16.638	266	119	0.393	ng/ul#	90
15) Phenanthrene	16.997	178	1780	0.422	ng/ul	94
16) Anthracene	17.102	178	1696	0.414	ng/ul	92
19) Fluoranthene	19.024	202	2277	0.401	ng/ul#	92
20) Pyrene	19.391	202	2400	0.397	ng/ul#	93
21) Benzo(a)anthracene	21.158	228	2217	0.425	ng/ul	93
22) Chrysene	21.208	228	2747	0.372	ng/ul	97
24) Benzo(b)fluoranthene	22.695	252	3070	0.443	ng/ul	89
25) Benzo(k)fluoranthene	22.739	252	3322	0.387	ng/ul#	89
26) Benzo(a)pyrene	23.256	252	3100	0.404	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.525	276	4483	0.424	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.545	278	3534	0.418	ng/ul#	87
29) Benzo(g,h,i)perylene	26.185	276	3810	0.406	ng/ul	92

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

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