Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
Data File : BM040307.D
Acq On : 19 Jun 2023 10:34
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4124

Quant Time: Jun 20 00:12:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	7015	0.400	ng/ul	0.00
4) Naphthalene-d8	10.773	136	25322	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.605	164	13574	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.345	188	28359	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.523	240	30196	0.400	ng/ul	# 0.00
23) Perylene-d12	23.944	264	33049	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	4625	0.534	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	13660	0.425	ng/ul	-0.01
18) Fluoranthene-d10	19.370	212	27696	0.368	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.380	88	4146	0.456	ng/ul#	1
5) Naphthalene	10.822	128	26351	0.439	ng/ul	99
7) 2-Methylnaphthalene	12.433	142	16052	0.431	ng/ul	100
8) 1-Methylnaphthalene	12.653	142	16625	0.426	ng/ul	99
10) Acenaphthylene	14.323	152	22573	0.475	ng/ul	99
11) Acenaphthene	14.665	153	17872	0.439	ng/ul	99
12) Fluorene	15.650	166	20023	0.441	ng/ul	98
14) Pentachlorophenol	16.994	266	3470	0.600	ng/ul	99
15) Phenanthrene	17.387	178	30996	0.416	ng/ul	98
16) Anthracene	17.480	178	29921	0.474	ng/ul	98
19) Fluoranthene	19.398	202	38354	0.373	ng/ul#	87
20) Pyrene	19.765	202	45962	0.430	ng/ul#	89
21) Benzo(a)anthracene	21.509	228	43745	0.491	ng/ul	99
22) Chrysene	21.561	228	42632	0.453	ng/ul	99
24) Benzo(b)fluoranthene	23.204	252	45697	0.375	ng/ul#	74
25) Benzo(k)fluoranthene	23.254	252	44288	0.386	ng/ul#	84
26) Benzo(a)pyrene	23.839	252	39412	0.394	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.457	276	48158	0.381	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.477	278	38920	0.383	ng/ul#	90
29) Benzo(g,h,i)perylene	27.232	276	38870	0.368	ng/ul	94

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

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