Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
Data File : BN027432.D
Acq On : 07 Sep 2023 07:21
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4260

Quant Time: Sep 08 01:55:12 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 02 06:16:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	5875	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.867	136	18523	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.675	164	11387	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.426	188	26665	0.400	ng/ul	-0.01
17) Chrysene-d12	21.597	240	22419	0.400	ng/ul	-0.01
23) Perylene-d12	24.108	264	21078	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	2954	0.378	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	11687	0.416	ng/ul	-0.01
18) Fluoranthene-d10	19.445	212	28306	0.368	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	2989	0.378	ng/ul	92
5) Naphthalene	10.922	128	21026	0.391	ng/ul	100
7) 2-Methylnaphthalene	12.517	142	13976	0.416	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	14627	0.408	ng/ul	99
10) Acenaphthylene	14.407	152	19727	0.378	ng/ul	99
11) Acenaphthene	14.740	153	16939	0.378	ng/ul	99
12) Fluorene	15.725	166	19622	0.390	ng/ul	98
14) Pentachlorophenol	17.054	266	2287	0.440	ng/ul	100
15) Phenanthrene	17.468	178	33668	0.388	ng/ul	99
16) Anthracene	17.561	178	27464	0.398	ng/ul	99
19) Fluoranthene	19.473	202	37878	0.367	ng/ul	99
20) Pyrene	19.840	202	38716	0.369	ng/ul	98
21) Benzo(a)anthracene	21.583	228	33541	0.415	ng/ul	100
22) Chrysene	21.635	228	35563	0.377	ng/ul	100
24) Benzo(b)fluoranthene	23.325	252	36815	0.370	ng/ul	97
25) Benzo(k)fluoranthene	23.377	252	34685	0.356	ng/ul	97
26) Benzo(a)pyrene	23.991	252	29568	0.380	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.750	276	36346	0.421	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.773	278	29131	0.441	ng/ul	95
29) Benzo(g,h,i)perylene	27.575	276	30528	0.392	ng/ul	98

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

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