Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
Data File : BM040305.D
Acq On : 17 Jun 2023 06:42
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4123

Quant Time: Jun 17 07:14:19 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	9290	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	30891	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.605	164	13333	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	21663	0.400	ng/ul	0.00
17) Chrysene-d12	21.524	240	14741	0.400	ng/ul	# 0.00
23) Perylene-d12	23.947	264	18224	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	5246	0.457	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	14745	0.376	ng/ul	-0.01
18) Fluoranthene-d10	19.370	212	16674	0.454	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.384	88	5490	0.456	ng/ul#	86
5) Naphthalene	10.828	128	29486	0.403	ng/ul	99
7) 2-Methylnaphthalene	12.433	142	17184	0.378	ng/ul	98
8) 1-Methylnaphthalene	12.653	142	17422	0.366	ng/ul	98
10) Acenaphthylene	14.323	152	21225	0.455	ng/ul	100
11) Acenaphthene	14.665	153	17035	0.426	ng/ul	99
12) Fluorene	15.650	166	17154	0.385	ng/ul	99
14) Pentachlorophenol	16.999	266	1835	0.415	ng/ul	99
15) Phenanthrene	17.391	178	23356	0.410	ng/ul	99
16) Anthracene	17.480	178	20302	0.421	ng/ul	99
19) Fluoranthene	19.403	202	22474	0.448	ng/ul	99
20) Pyrene	19.765	202	23434	0.449	ng/ul	98
21) Benzo(a)anthracene	21.506	228	19450	0.447	ng/ul	99
22) Chrysene	21.562	228	20632	0.449	ng/ul	98
24) Benzo(b)fluoranthene	23.207	252	24549	0.365	ng/ul	93
25) Benzo(k)fluoranthene	23.254	252	24365	0.385	ng/ul	96
26) Benzo(a)pyrene	23.839	252	22783	0.413	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.464	276	31529	0.452	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.481	278	25087	0.448	ng/ul	98
29) Benzo(g,h,i)perylene	27.239	276	26667	0.458	ng/ul	98

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

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