Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090622\
Data File : BM036496.D
Acq On : 06 Sep 2022 10:43
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4129

Quant Time: Sep 06 11:24:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM083022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 17:45:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.737	152	4321	0.400 ng/ul	0.00
4) Naphthalene-d8	10.530	136	16148	0.400 ng/ul	#-0.01
9) Acenaphthene-d10	14.377	164	8406	0.400 ng/ul	-0.01
13) Phenanthrene-d10	17.124	188	17123	0.400 ng/ul	0.00
17) Chrysene-d12	21.312	240	14214	0.400 ng/ul	# 0.00
23) Perylene-d12	23.607	264	11193	0.400 ng/ul	#-0.01
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.139	96	2839	0.452 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.130	152	10102	0.401 ng/ul	-0.01
18) Fluoranthene-d10	19.155	212	18796	0.425 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.172	88	2581	0.433 ng/ul#	88
5) Naphthalene	10.579	128	17370	0.393 ng/ul	97
7) 2-Methylnaphthalene	12.201	142	10827	0.400 ng/ul	94
8) 1-Methylnaphthalene	12.421	142	11266	0.410 ng/ul	99
10) Acenaphthylene	14.104	152	12956	0.406 ng/ul	99
11) Acenaphthene	14.442	153	11323	0.401 ng/ul	99
12) Fluorene	15.432	166	12308	0.392 ng/ul	100
14) Pentachlorophenol	16.799	266	1118	0.363 ng/ul	97
15) Phenanthrene	17.167	178	19755	0.396 ng/ul	99
16) Anthracene	17.264	178	16302	0.388 ng/ul	99
19) Fluoranthene	19.188	202	21654	0.424 ng/ul	96
20) Pyrene	19.551	202	22241	0.422 ng/ul	97
21) Benzo(a)anthracene	21.301	228	16365	0.381 ng/ul	99
22) Chrysene	21.350	228	18971	0.395 ng/ul	98
24) Benzo(b)fluoranthene	22.908	252	17230	0.387 ng/ul	92
25) Benzo(k)fluoranthene	22.955	252	17209	0.387 ng/ul#	90
26) Benzo(a)pyrene	23.507	252	14053	0.385 ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.970	276	16255	0.375 ng/ul#	93
28) Dibenzo(a,h)anthracene	25.993	278	13397	0.361 ng/ul#	91
29) Benzo(g,h,i)perylene	26.694	276	16424	0.397 ng/ul	95

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

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