Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046189.D
Acq On : 22 Jun 2024 09:46
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4141

Quant Time: Jun 22 10:32:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	1348	0.400	ng/ul	0.02
4) Naphthalene-d8	10.270	136	4805	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.099	164	2940	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.862	188	5150	0.400	ng/ul	0.00
17) Chrysene-d12	21.038	240	4030	0.400	ng/ul	0.00
23) Perylene-d12	23.131	264	5708	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	785	0.424	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.887	152	2587	0.401	ng/ul	0.02
18) Fluoranthene-d10	18.880	212	4957	0.411	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.067	88	914	0.441	ng/ul	85
5) Naphthalene	10.320	128	5119	0.382	ng/ul#	94
7) 2-Methylnaphthalene	11.958	142	2922	0.387	ng/ul	98
8) 1-Methylnaphthalene	12.151	142	3599	0.435	ng/ul	100
10) Acenaphthylene	13.830	152	5240	0.376	ng/ul	97
11) Acenaphthene	14.163	153	3889	0.386	ng/ul	99
12) Fluorene	15.181	166	3951	0.366	ng/ul	97
14) Pentachlorophenol	16.562	266	565	0.366	ng/ul	96
15) Phenanthrene	16.904	178	5591	0.386	ng/ul	97
16) Anthracene	17.005	178	3498	0.325	ng/ul	95
19) Fluoranthene	18.913	202	7435	0.426	ng/ul	97
20) Pyrene	19.271	202	7913	0.419	ng/ul	99
21) Benzo(a)anthracene	21.021	228	5486	0.352	ng/ul	99
22) Chrysene	21.073	228	8287	0.417	ng/ul	99
24) Benzo(b)fluoranthene	22.514	252	7604	0.370	ng/ul	96
25) Benzo(k)fluoranthene	22.555	252	9841	0.403	ng/ul	98
26) Benzo(a)pyrene	23.043	252	7345	0.385	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.189	276	11793	0.378	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.199	278	8862	0.382	ng/ul	99
29) Benzo(g,h,i)perylene	25.810	276	10076	0.377	ng/ul	98

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

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