Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
Data File : BM045471.D
Acq On : 21 Apr 2024 21:11
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4085

Quant Time: Apr 22 02:05:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 02:01:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1038	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.352	136	3118	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.219	164	1554	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	2935	0.400	ng/ul	-0.02
17) Chrysene-d12	21.202	240	2147	0.400	ng/ul	-0.01
23) Perylene-d12	23.400	264	3144	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	553	0.397	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.958	152	1625	0.395	ng/ul	-0.02
18) Fluoranthene-d10	19.029	212	2599	0.384	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	553	0.413	ng/ul	98
5) Naphthalene	10.402	128	3419	0.408	ng/ul	94
7) 2-Methylnaphthalene	12.030	142	1971	0.412	ng/ul	96
8) 1-Methylnaphthalene	12.239	142	2183	0.407	ng/ul	99
10) Acenaphthylene	13.941	152	3121	0.407	ng/ul	98
11) Acenaphthene	14.279	153	2319	0.407	ng/ul	98
12) Fluorene	15.292	166	2454	0.403	ng/ul	96
14) Pentachlorophenol	16.663	266	256	0.437	ng/ul	93
15) Phenanthrene	17.035	178	3469	0.406	ng/ul	97
16) Anthracene	17.136	178	3399	0.425	ng/ul	97
19) Fluoranthene	19.061	202	3796	0.383	ng/ul	95
20) Pyrene	19.424	202	3954	0.388	ng/ul	99
21) Benzo(a)anthracene	21.193	228	3077	0.448	ng/ul	95
22) Chrysene	21.240	228	3978	0.377	ng/ul	98
24) Benzo(b)fluoranthene	22.742	252	4357	0.412	ng/ul	96
25) Benzo(k)fluoranthene	22.786	252	5202	0.389	ng/ul	95
26) Benzo(a)pyrene	23.309	252	4553	0.415	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.598	276	6716	0.421	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.618	278	5317	0.421	ng/ul	91
29) Benzo(g,h,i)perylene	26.259	276	5804	0.405	ng/ul	97

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

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