Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046290.D
Acq On : 25 Jun 2024 14:08
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4148

Quant Time: Jun 25 14:54:23 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 : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	2285	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.222	136	7462	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.072	164	4130	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.837	188	7975	0.400	ng/ul	-0.02
17) Chrysene-d12	21.020	240	6319	0.400	ng/ul	0.00
23) Perylene-d12	23.107	264	8573	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	1163	0.371	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.838	152	4021	0.401	ng/ul	-0.03
18) Fluoranthene-d10	18.858	212	7764	0.410	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.059	88	1375	0.391	ng/ul	90
5) Naphthalene	10.266	128	7884	0.379	ng/ul	99
7) 2-Methylnaphthalene	11.915	142	4538	0.387	ng/ul	97
8) 1-Methylnaphthalene	12.108	142	4988	0.388	ng/ul	98
10) Acenaphthylene	13.799	152	7807	0.399	ng/ul	98
11) Acenaphthene	14.132	153	5608	0.397	ng/ul	98
12) Fluorene	15.150	166	6021	0.397	ng/ul	99
14) Pentachlorophenol	16.521	266	912	0.382	ng/ul	99
15) Phenanthrene	16.875	178	8401	0.375	ng/ul	99
16) Anthracene	16.977	178	6545	0.392	ng/ul	99
19) Fluoranthene	18.891	202	11153	0.408	ng/ul	99
20) Pyrene	19.248	202	11924	0.403	ng/ul	98
21) Benzo(a)anthracene	21.006	228	9134	0.374	ng/ul	99
22) Chrysene	21.055	228	12308	0.395	ng/ul	100
24) Benzo(b)fluoranthene	22.493	252	10779	0.349	ng/ul	98
25) Benzo(k)fluoranthene	22.534	252	14894	0.406	ng/ul	96
26) Benzo(a)pyrene	23.022	252	10698	0.374	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.158	276	16300	0.348	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.165	278	12440	0.357	ng/ul	98
29) Benzo(g,h,i)perylene	25.779	276	13327	0.332	ng/ul	98

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

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