Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046223.D
Acq On : 23 Jun 2024 07:45
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4143

Quant Time: Jun 23 08:21:12 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 : Sun Jun 23 01:31:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.447	152	1939	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.248	136	6318	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.094	164	3913	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.853	188	7122	0.400	ng/ul	0.00
17) Chrysene-d12	21.032	240	5770	0.400	ng/ul	-0.01
23) Perylene-d12	23.119	264	7953	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	1034	0.389	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.870	152	3472	0.409	ng/ul	0.00
18) Fluoranthene-d10	18.875	212	7030	0.407	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.063	88	1324	0.444	ng/ul	85
5) Naphthalene	10.297	128	6847	0.389	ng/ul	98
7) 2-Methylnaphthalene	11.947	142	3958	0.399	ng/ul	99
8) 1-Methylnaphthalene	12.140	142	4641	0.427	ng/ul	99
10) Acenaphthylene	13.821	152	7026	0.379	ng/ul	97
11) Acenaphthene	14.159	153	5187	0.387	ng/ul	99
12) Fluorene	15.172	166	5497	0.382	ng/ul	99
14) Pentachlorophenol	16.541	266	748	0.350	ng/ul	94
15) Phenanthrene	16.895	178	7857	0.393	ng/ul	100
16) Anthracene	17.001	178	4930	0.331	ng/ul	100
19) Fluoranthene	18.908	202	10457	0.419	ng/ul	99
20) Pyrene	19.266	202	11237	0.416	ng/ul	99
21) Benzo(a)anthracene	21.018	228	8042	0.361	ng/ul	100
22) Chrysene	21.067	228	11495	0.404	ng/ul	99
24) Benzo(b)fluoranthene	22.502	252	10535	0.368	ng/ul	97
25) Benzo(k)fluoranthene	22.546	252	13721	0.403	ng/ul	95
26) Benzo(a)pyrene	23.034	252	10180	0.383	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.182	276	15778	0.363	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.189	278	11956	0.370	ng/ul	97
29) Benzo(g,h,i)perylene	25.796	276	13387	0.359	ng/ul	98

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

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