Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046187.D
Acq On : 22 Jun 2024 08:23
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD0.4140

Quant Time: Jun 22 10:33:25 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	7.476	152	2122	0.400	ng/ul	0.01
4) Naphthalene-d8	10.244	136	7212	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.095	164	4120	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.854	188	7382	0.400	ng/ul	0.00
17) Chrysene-d12	21.032	240	5780	0.400	ng/ul	-0.01
23) Perylene-d12	23.121	264	7930	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	1109	0.381	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	3922	0.405	ng/ul	0.00
18) Fluoranthene-d10	18.872	212	7252	0.419	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.067	88	1277	0.391	ng/ul	96
5) Naphthalene	10.293	128	8039	0.400	ng/ul	99
7) 2-Methylnaphthalene	11.937	142	4524	0.400	ng/ul	98
8) 1-Methylnaphthalene	12.141	142	5349	0.431	ng/ul	99
10) Acenaphthylene	13.817	152	8111	0.415	ng/ul	100
11) Acenaphthene	14.155	153	5932	0.420	ng/ul	99
12) Fluorene	15.168	166	6049	0.400	ng/ul	99
14) Pentachlorophenol	16.538	266	780	0.353	ng/ul	99
15) Phenanthrene	16.892	178	8489	0.409	ng/ul	100
16) Anthracene	16.994	178	5898	0.382	ng/ul	100
19) Fluoranthene	18.909	202	11104	0.444	ng/ul	98
20) Pyrene	19.262	202	11684	0.432	ng/ul	100
21) Benzo(a)anthracene	21.017	228	8670	0.388	ng/ul	99
22) Chrysene	21.067	228	11669	0.410	ng/ul	99
24) Benzo(b)fluoranthene	22.504	252	10946	0.383	ng/ul	99
25) Benzo(k)fluoranthene	22.545	252	13285	0.391	ng/ul	96
26) Benzo(a)pyrene	23.034	252	11670	0.441	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.179	276	15670	0.362	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.192	278	12106	0.375	ng/ul	97
29) Benzo(g,h,i)perylene	25.796	276	13657	0.368	ng/ul	98

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

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