Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041638.D
Acq On : 01 Sep 2023 05:42
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4066

Quant Time: Sep 01 06:15:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 04:06:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	6840	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.933	136	13401	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.740	164	4823	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.493	188	8952	0.400	ng/ul	-0.01
17) Chrysene-d12	21.676	240	3161	0.400	ng/ul	-0.01
23) Perylene-d12	24.225	264	3611	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	2745	0.272	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.506	152	5277	0.326	ng/ul	-0.02
18) Fluoranthene-d10	19.515	212	5003	0.321	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.486	88	2888	0.268	ng/ul	98
5) Naphthalene	10.982	128	15787	0.368	ng/ul	100
7) 2-Methylnaphthalene	12.583	142	8831	0.363	ng/ul	99
8) 1-Methylnaphthalene	12.797	142	8889	0.362	ng/ul	99
10) Acenaphthylene	14.467	152	13483	0.401	ng/ul	99
11) Acenaphthene	14.805	153	9334	0.403	ng/ul	97
12) Fluorene	15.786	166	9966	0.395	ng/ul	99
14) Pentachlorophenol	17.113	266	1178	0.342	ng/ul	99
15) Phenanthrene	17.535	178	14984	0.383	ng/ul	99
16) Anthracene	17.624	178	12903	0.380	ng/ul	98
19) Fluoranthene	19.543	202	15135	0.365	ng/ul	99
20) Pyrene	19.910	202	14738	0.353	ng/ul	99
21) Benzo(a)anthracene	21.658	228	9527	0.338	ng/ul	99
22) Chrysene	21.714	228	10285	0.340	ng/ul	98
24) Benzo(b)fluoranthene	23.436	252	11547	0.344	ng/ul	99
25) Benzo(k)fluoranthene	23.485	252	10785	0.338	ng/ul	99
26) Benzo(a)pyrene	24.111	252	9972	0.334	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.921	276	13823	0.346	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.954	278	9247	0.344	ng/ul	98
29) Benzo(g,h,i)perylene	27.766	276	11568	0.345	ng/ul	99

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

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