Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
Data File : BM039997.D
Acq On : 25 May 2023 12:00
Operator : CG/JU
Sample : SSTD0.271
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Quant Time: May 25 13:37:36 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 13:35:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	10584	0.400	ng/ul	0.00
4) Naphthalene-d8	10.828	136	33724	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.651	164	16153	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	28398	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	15427	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	15186	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	2418	0.174	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.411	152	7928	0.204	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	9005	0.181	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	2509	0.168	ng/ul#	92
5) Naphthalene	10.877	128	15734	0.181	ng/ul	99
7) 2-Methylnaphthalene	12.483	142	9399	0.192	ng/ul	100
8) 1-Methylnaphthalene	12.703	142	9832	0.192	ng/ul	100
10) Acenaphthylene	14.374	152	12025	0.181	ng/ul	99
11) Acenaphthene	14.711	153	9871	0.181	ng/ul	99
12) Fluorene	15.697	166	10232	0.185	ng/ul	99
14) Pentachlorophenol	17.041	266	956	0.163	ng/ul	98
15) Phenanthrene	17.434	178	15255	0.188	ng/ul	99
16) Anthracene	17.526	178	12449	0.188	ng/ul	99
19) Fluoranthene	19.445	202	13162	0.178	ng/ul	99
20) Pyrene	19.807	202	13492	0.184	ng/ul	99
21) Benzo(a)anthracene	21.556	228	9757	0.202	ng/ul	99
22) Chrysene	21.611	228	10388	0.185	ng/ul	98
24) Benzo(b)fluoranthene	23.274	252	11345	0.189	ng/ul	90
25) Benzo(k)fluoranthene	23.324	252	11333	0.182	ng/ul#	92
26) Benzo(a)pyrene	23.912	252	9368	0.192	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.571	276	13556	0.204	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.595	278	10774	0.202	ng/ul	96
29) Benzo(g,h,i)perylene	27.353	276	10996	0.193	ng/ul	98

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

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