Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020723\
Data File : BM038703.D
Acq On : 07 Feb 2023 11:20
Operator : CG/JU
Sample : SSTD0.229
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

Quant Time: Feb 07 13:54:18 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 13:52:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	1968	0.400	ng/ul	0.00
4) Naphthalene-d8	10.719	136	5049	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.550	164	3596	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	7442	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	5897	0.400	ng/ul	0.00
23) Perylene-d12	23.851	264	7915	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.288	96	428	0.166	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.308	152	1804	0.230	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	3604	0.214	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	393	0.150	ng/ul#	88
5) Naphthalene	10.768	128	2551	0.155	ng/ul	95
7) 2-Methylnaphthalene	12.379	142	1825	0.210	ng/ul	100
8) 1-Methylnaphthalene	12.599	142	1877	0.210	ng/ul	99
10) Acenaphthylene	14.273	152	3184	0.201	ng/ul	99
11) Acenaphthene	14.610	153	2397	0.198	ng/ul	99
12) Fluorene	15.601	166	2874	0.190	ng/ul	98
14) Pentachlorophenol	16.957	266	355	0.117	ng/ul	95
15) Phenanthrene	17.333	178	4538	0.189	ng/ul	98
16) Anthracene	17.430	178	4121	0.201	ng/ul	98
19) Fluoranthene	19.348	202	4876	0.232	ng/ul	99
20) Pyrene	19.710	202	5284	0.234	ng/ul	99
21) Benzo(a)anthracene	21.451	228	4157	0.198	ng/ul	99
22) Chrysene	21.507	228	4392	0.209	ng/ul	99
24) Benzo(b)fluoranthene	23.123	252	5842	0.196	ng/ul	93
25) Benzo(k)fluoranthene	23.170	252	5861	0.203	ng/ul#	93
26) Benzo(a)pyrene	23.749	252	5466	0.204	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.327	276	8119	0.216	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.337	278	6360	0.212	ng/ul	94
29) Benzo(g,h,i)perylene	27.088	276	7282	0.223	ng/ul	97

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

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