Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112123\
Data File : BM042939.D
Acq On : 21 Nov 2023 18:13
Operator : MA/JU
Sample : SSTD0.869
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

Quant Time: Nov 22 10:30:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 22 10:26:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	577	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.629	136	1563	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.470	164	730	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.226	188	1565	0.400	ng/ul	0.00
17) Chrysene-d12	21.412	240	1189	0.400	ng/ul	0.00
23) Perylene-d12	23.770	264	1819	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	764	0.847	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	1529	0.776	ng/ul	0.00
18) Fluoranthene-d10	19.253	212	2963	0.765	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.202	88	869	0.861	ng/ul#	87
5) Naphthalene	10.684	128	3846	0.781	ng/ul	92
7) 2-Methylnaphthalene	12.300	142	2242	0.778	ng/ul	99
8) 1-Methylnaphthalene	12.515	142	2351	0.789	ng/ul	99
10) Acenaphthylene	14.197	152	4034	0.832	ng/ul	98
11) Acenaphthene	14.530	153	2822	0.830	ng/ul	98
12) Fluorene	15.525	166	2966	0.810	ng/ul	98
14) Pentachlorophenol	16.884	266	696	0.798	ng/ul	93
15) Phenanthrene	17.268	178	4384	0.729	ng/ul	98
16) Anthracene	17.369	178	4517	0.832	ng/ul	94
19) Fluoranthene	19.286	202	5725	0.781	ng/ul	96
20) Pyrene	19.653	202	6063	0.751	ng/ul	96
21) Benzo(a)anthracene	21.397	228	4469	0.802	ng/ul	98
22) Chrysene	21.447	228	5729	0.920	ng/ul	96
24) Benzo(b)fluoranthene	23.039	252	5669	0.732	ng/ul	87
25) Benzo(k)fluoranthene	23.089	252	7039	0.836	ng/ul#	87
26) Benzo(a)pyrene	23.665	252	6171	0.777	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.222	276	8842	0.831	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.238	278	6657	0.840	ng/ul#	86
29) Benzo(g,h,i)perylene	26.990	276	7625	0.842	ng/ul#	89

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

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