Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011924\
Data File : BM043874.D
Acq On : 19 Jan 2024 16:18
Operator : MA/JU
Sample : SSTD0.291
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

Quant Time: Jan 19 22:39:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 22:34:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	4436	0.400	ng/ul	0.02
4) Naphthalene-d8	10.781	136	11510	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.590	164	5616	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.361	188	10345	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	6422	0.400	ng/ul	# 0.01
23) Perylene-d12	23.963	264	7700	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	1279	0.238	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.382	152	2939	0.177	ng/ul	0.02
18) Fluoranthene-d10	19.378	212	4499	0.217	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.365	88	1404	0.246	ng/ul#	85
5) Naphthalene	10.831	128	6799	0.206	ng/ul#	93
7) 2-Methylnaphthalene	12.464	142	3824	0.176	ng/ul	100
8) 1-Methylnaphthalene	12.657	142	3961	0.180	ng/ul	99
10) Acenaphthylene	14.321	152	6037	0.201	ng/ul	97
11) Acenaphthene	14.655	153	4501	0.206	ng/ul	99
12) Fluorene	15.668	166	4522	0.180	ng/ul#	98
14) Pentachlorophenol	17.103	266	223	0.068	ng/ul#	82
15) Phenanthrene	17.403	178	6597	0.201	ng/ul	98
16) Anthracene	17.504	178	6215	0.199	ng/ul	95
19) Fluoranthene	19.406	202	7199	0.226	ng/ul#	95
20) Pyrene	19.773	202	7573	0.229	ng/ul	96
21) Benzo(a)anthracene	21.540	228	4801	0.172	ng/ul	97
22) Chrysene	21.584	228	7212	0.240	ng/ul	99
24) Benzo(b)fluoranthene	23.229	252	5789	0.184	ng/ul	74
25) Benzo(k)fluoranthene	23.282	252	7340	0.212	ng/ul#	74
26) Benzo(a)pyrene	23.870	252	5998	0.204	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.510	276	7280	0.196	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.547	278	5535	0.192	ng/ul#	76
29) Benzo(g,h,i)perylene	27.264	276	6809	0.219	ng/ul#	89

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

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