Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112123\
Data File : BM042940.D
Acq On : 21 Nov 2023 18:49
Operator : MA/JU
Sample : SSTD1.670
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

Quant Time: Nov 22 10:31:42 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	774	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.623	136	1951	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.465	164	1061	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.222	188	2309	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	1602	0.400	ng/ul	# 0.00
23) Perylene-d12	23.770	264	2000	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	1763	1.458	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	4147	1.686	ng/ul	-0.02
18) Fluoranthene-d10	19.248	212	8526	1.633	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.202	88	1972	1.456	ng/ul#	61
5) Naphthalene	10.673	128	9839	1.601	ng/ul#	88
7) 2-Methylnaphthalene	12.289	142	6033	1.678	ng/ul	99
8) 1-Methylnaphthalene	12.504	142	6238	1.676	ng/ul	98
10) Acenaphthylene	14.192	152	11181	1.586	ng/ul	95
11) Acenaphthene	14.530	153	7734	1.565	ng/ul	96
12) Fluorene	15.520	166	8690	1.634	ng/ul#	95
14) Pentachlorophenol	16.875	266	2066	1.605	ng/ul	96
15) Phenanthrene	17.264	178	13094	1.476	ng/ul	95
16) Anthracene	17.361	178	13127	1.638	ng/ul#	90
19) Fluoranthene	19.281	202	16282	1.649	ng/ul#	93
20) Pyrene	19.648	202	16946	1.558	ng/ul#	95
21) Benzo(a)anthracene	21.391	228	12225	1.628	ng/ul	95
22) Chrysene	21.447	228	14435	1.720	ng/ul	94
24) Benzo(b)fluoranthene	23.034	252	13346	1.567	ng/ul	79
25) Benzo(k)fluoranthene	23.083	252	15927	1.721	ng/ul#	79
26) Benzo(a)pyrene	23.662	252	13417	1.536	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.218	276	16678	1.426	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.235	278	12466	1.431	ng/ul#	78
29) Benzo(g,h,i)perylene	26.983	276	13944	1.400	ng/ul#	87

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

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