Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
Data File : BM039891.D
Acq On : 09 May 2023 13:32
Operator : CG/JU
Sample : 02479-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 10 00:26:48 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 12:11:48 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EW942

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.771	152	2414	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.573	136	7908	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.432	164	4839	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	9226	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.411	240	6237	0.400	ng/ul	# 0.02
23) Perylene-d12	23.779	264	18015	0.400	ng/ul	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	4825	1.356	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.168	152	1639	0.162	ng/ul	-0.02
18) Fluoranthene-d10	19.229	212	3932	0.234	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.623	128	184351	9.283	ng/ul	97
7) 2-Methylnaphthalene	12.245	142	79374	6.926	ng/ul	97
8) 1-Methylnaphthalene	12.465	142	65317	5.313	ng/ul	100
10) Acenaphthylene	14.150	152	244547	13.057	ng/ul	100
11) Acenaphthene	14.492	153	480828	32.684	ng/ul	98
12) Fluorene	15.487	166	619647	37.963	ng/ul	96
14) Pentachlorophenol	16.862	266	1426	0.709	ng/ul#	81
15) Phenanthrene	17.246	178	6518374	268.175	ng/ul	99
16) Anthracene	17.327	178	1908209	91.429	ng/ul	98
19) Fluoranthene	19.285	202	9417995	423.259	ng/ul#	94
20) Pyrene	19.648	202	8060435	335.446	ng/ul#	92
21) Benzo(a)anthracene	21.394	228	4416670	246.297	ng/ul	93
22) Chrysene	21.452	228	4215924	207.747	ng/ul#	92
24) Benzo(b)fluoranthene	23.068	252	5671215m	89.639	ng/ul	
25) Benzo(k)fluoranthene	23.106	252	2141277m	33.239	ng/ul	
26) Benzo(a)pyrene	23.685	252	4142815	72.933	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.251	276	3053212	42.508	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.234	278	815333	14.625	ng/ul	98
29) Benzo(g,h,i)perylene	27.009	276	2648427	42.316	ng/ul	99

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

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