Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
Data File : BM039890.D
Acq On : 09 May 2023 12:51
Operator : CG/JU
Sample : 02479-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 10 00:26:37 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 :
EW946

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	7.775	152	2835	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.568	136	8879	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.428	164	8367m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	9572m	0.400	ng/ul	0.00
17) Chrysene-d12	21.367	240	17297	0.400	ng/ul	#-0.03
23) Perylene-d12	23.784	264	23700m	0.400	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	6260	1.498	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.162	152	1951	0.171	ng/ul	-0.03
18) Fluoranthene-d10	19.229	212	21685m	0.466	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.617	128	1162906	52.157	ng/ul	97
7) 2-Methylnaphthalene	12.239	142	510783	39.693	ng/ul	96
8) 1-Methylnaphthalene	12.459	142	437451	31.690	ng/ul	99
10) Acenaphthylene	14.150	152	2656345	82.024	ng/ul	99
11) Acenaphthene	14.492	153	1509252	59.332	ng/ul	97
12) Fluorene	15.487	166	2340713	82.938	ng/ul	95
14) Pentachlorophenol	16.875	266	840	0.403	ng/ul#	82
15) Phenanthrene	17.272	178	17847580	707.733	ng/ul	98
16) Anthracene	17.348	178	6468855	298.743	ng/ul	98
19) Fluoranthene	19.304	202	22638490m	366.860	ng/ul	
20) Pyrene	19.680	202	19201922	288.147	ng/ul#	94
21) Benzo(a)anthracene	21.426	228	13419755m	269.844	ng/ul	
22) Chrysene	21.487	228	10836683m	192.549	ng/ul	
24) Benzo(b)fluoranthene	23.135	252	19211027m	230.811	ng/ul	
25) Benzo(k)fluoranthene	23.173	252	4854673m	57.283	ng/ul	
26) Benzo(a)pyrene	23.761	252	13363746m	178.830	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.375	276	12512438m	132.418	ng/ul	
28) Dibenzo(a,h)anthracene	26.328	278	3316922m	45.226	ng/ul	
29) Benzo(g,h,i)perylene	27.143	276	10341008m	125.594	ng/ul	

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

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