Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039807.D
Acq On : 02 May 2023 18:06
Operator : CG/JU
Sample : 02419-28
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 03 04:16:47 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 02 18:41:11 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EW925

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	2761	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.595	136	8387	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	5105	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	26910	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.414	240	6709	0.400	ng/ul	# 0.01
23) Perylene-d12	23.781	264	8934	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	9689	2.381	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	2444	0.227	ng/ul	-0.01
18) Fluoranthene-d10	19.243	212	4915	0.272	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.639	128	33735	1.602	ng/ul	99
7) 2-Methylnaphthalene	12.261	142	25680	2.113	ng/ul	97
8) 1-Methylnaphthalene	12.481	142	15150	1.162	ng/ul	100
10) Acenaphthylene	14.168	152	69670	3.526	ng/ul	99
11) Acenaphthene	14.511	153	12841	0.827	ng/ul	97
12) Fluorene	15.501	166	18698	1.086	ng/ul#	94
14) Pentachlorophenol	16.875	266	810	0.138	ng/ul#	65
15) Phenanthrene	17.246	178	324748	4.581	ng/ul	100
16) Anthracene	17.339	178	101873	1.673	ng/ul	99
19) Fluoranthene	19.276	202	932234	38.949	ng/ul	99
20) Pyrene	19.643	202	904718	35.002	ng/ul	99
21) Benzo(a)anthracene	21.396	228	644075	33.390	ng/ul	96
22) Chrysene	21.449	228	678147	31.066	ng/ul	94
24) Benzo(b)fluoranthene	23.062	252	1200355m	38.258	ng/ul	
25) Benzo(k)fluoranthene	23.106	252	400061m	12.523	ng/ul	
26) Benzo(a)pyrene	23.679	252	797395	28.307	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.241	276	831548	23.345	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.238	278	213048	7.706	ng/ul#	95
29) Benzo(g,h,i)perylene	27.002	276	962305	31.004	ng/ul	98

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

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