Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
Data File : BM030886.D
Acq On : 08 Jul 2021 15:54
Operator : CG/JU
Sample : M2825-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDR1

Manual Integrations APPROVED
mohammad
7/9/2021 2:48:03 PM

Quant Time: Jul 08 16:33:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 10:44:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	1945	0.400	ng/ul	0.00
4) Naphthalene-d8	10.550	136	7587	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.394	164	4120	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.131	188	6789	0.400	ng/ul	-0.02
17) Chrysene-d12	21.304	240	5362	0.400	ng/ul	-0.01
23) Perylene-d12	23.549	264	5388	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.265	96	2721	1.284	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.151	152	2176	0.183	ng/ul	0.00
18) Fluoranthene-d10	19.153	212	3231	0.210	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.599	128	5451	0.252	ng/ul	96
7) 2-Methylnaphthalene	12.227	142	997	0.069	ng/ul	98
8) 1-Methylnaphthalene	12.439	142	468	0.033	ng/ul	94
10) Acenaphthylene	14.114	152	2499	0.136	ng/ul#	87
11) Acenaphthene	14.455	153	19074	1.280	ng/ul	99
12) Fluorene	15.445	166	10785	0.656	ng/ul	98
15) Phenanthrene	17.173	178	99020	4.339	ng/ul	100
16) Anthracene	17.263	178	34545	1.728	ng/ul	100
19) Fluoranthene	19.184	202	110419	4.666	ng/ul	99
20) Pyrene	19.546	202	85894	3.609	ng/ul	99
21) Benzo(a)anthracene	21.287	228	45350	2.122	ng/ul	97
22) Chrysene	21.340	228	40180	1.678	ng/ul	98
24) Benzo(b)fluoranthene	22.873	252	48755m	2.043	ng/ul	
25) Benzo(k)fluoranthene	22.912	252	21254m	0.864	ng/ul	
26) Benzo(a)pyrene	23.447	252	31303	1.542	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.817	276	21188	0.801	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.817	278	5720	0.270	ng/ul#	86
29) Benzo(g,h,i)perylene	26.512	276	2264	0.099	ng/ul#	81

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

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