Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032577.D
Acq On : 18 Oct 2021 17:22
Operator : CG/JU
Sample : M4181-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B29

Manual Integrations APPROVED
mohammad
10/19/2021 12:10:56 PM

Quant Time: Oct 18 17:53:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 10:38:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.550	152	5560	0.40	ng/ul	0.00
4) Naphthalene-d8	10.335	136	16078	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	7426	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	13168	0.40	ng/ul	0.00
17) Chrysene-d12	21.123	240	10215	0.40	ng/ul	0.00
23) Perylene-d12	23.256	264	11013	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	18672	3.00	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	3404	0.16	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	5496	0.17	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.384	128	74636	1.53	ng/ul	98
7) 2-Methylnaphthalene	12.003	142	59531	1.87	ng/ul	100
8) 1-Methylnaphthalene	12.228	142	45508	1.44	ng/ul	99
10) Acenaphthylene	13.928	152	16505	0.52	ng/ul	100
11) Acenaphthene	14.270	153	1226	0.04	ng/ul#	88
12) Fluorene	15.256	166	1968	0.06	ng/ul#	45
14) Pentachlorophenol	16.613	266	72	0.02	ng/ul#	87
15) Phenanthrene	16.984	178	43304	0.98	ng/ul	100
16) Anthracene	17.074	178	14769	0.38	ng/ul	98
19) Fluoranthene	19.000	202	44137	0.87	ng/ul	100
20) Pyrene	19.362	202	43799	0.84	ng/ul	99
21) Benzo(a)anthracene	21.106	228	36755	0.92	ng/ul	94
22) Chrysene	21.157	228	54309	1.24	ng/ul	97
24) Benzo(b)fluoranthene	22.627	252	107246m	2.11	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	40492m	0.80	ng/ul	
26) Benzo(a)pyrene	23.164	252	22456	0.53	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.355	276	29481	0.57	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.357	278	12975	0.32	ng/ul#	91
29) Benzo(g,h,i)perylene	25.999	276	1640	0.04	ng/ul#	50

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

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