Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
Data File : BM032067.D
Acq On : 04 Sep 2021 08:39
Operator : CG/JU
Sample : M3486-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AY9

Manual Integrations APPROVED
mohammad
9/7/2021 11:38:12 AM

Quant Time: Sep 06 01:27:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.452	152	1545	0.400	ng/ul	0.00
4) Naphthalene-d8	10.207	136	5165	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.094	164	3189	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.851	188	5915	0.400	ng/ul	-0.01
17) Chrysene-d12	21.059	240	5074	0.400	ng/ul	-0.01
23) Perylene-d12	23.170	264	5459	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	3979	2.345	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.803	152	1247	0.156	ng/ul	-0.02
18) Fluoranthene-d10	18.888	212	2510	0.169	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.252	128	40480	2.954	ng/ul	95
7) 2-Methylnaphthalene	11.875	142	27558	2.882	ng/ul	99
8) 1-Methylnaphthalene	12.100	142	20637	2.192	ng/ul	98
10) Acenaphthylene	13.814	152	6877	0.534	ng/ul	100
11) Acenaphthene	14.159	153	899m	0.085	ng/ul	
12) Fluorene	15.156	166	1246	0.102	ng/ul#	75
15) Phenanthrene	16.893	178	26101	1.450	ng/ul	97
16) Anthracene	16.986	178	10190	0.645	ng/ul	99
19) Fluoranthene	18.919	202	68573	3.127	ng/ul	100
20) Pyrene	19.285	202	67108	2.969	ng/ul	99
21) Benzo(a)anthracene	21.044	228	40247	2.171	ng/ul	99
22) Chrysene	21.095	228	54827	2.575	ng/ul	99
24) Benzo(b)fluoranthene	22.548	252	109256m	4.353	ng/ul	
25) Benzo(k)fluoranthene	22.586	252	34696m	1.340	ng/ul	
26) Benzo(a)pyrene	23.078	252	57695	2.631	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.237	276	60806	2.035	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.242	278	14702	0.612	ng/ul	94
29) Benzo(g,h,i)perylene	25.872	276	52035	1.957	ng/ul	96

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

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