Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093021\
Data File : BN016596.D
Acq On : 30 Sep 2021 05:20
Operator : CG/JU
Sample : M3922-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SUP-UST-03-(8-10)

Manual Integrations APPROVED
mohammad
9/30/2021 11:32:40 AM

Quant Time: Sep 30 06:13:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN093021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 02:08:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	29871	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	140863	0.400	ng	# 0.00
13) Acenaphthene-d10	14.281	164	94439	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	156727	0.400	ng	# 0.00
29) Chrysene-d12	21.249	240	153697	0.400	ng	# 0.01
35) Perylene-d12	23.515	264	131218	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	2844	0.037	ng	0.00
5) Phenol-d6	6.831	99	4706	0.057	ng	0.00
8) Nitrobenzene-d5	8.772	82	36898m	0.417	ng	-0.01
11) 2-Methylnaphthalene-d10	12.012	152	12919	0.063	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	977	0.023	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	9854	0.025	ng	0.00
27) Fluoranthene-d10	19.083	212	25434	0.059	ng	0.00
31) Terphenyl-d14	19.693	244	15664	0.047	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.470	128	36472	0.094	ng	# 1
12) 2-Methylnaphthalene	12.087	142	857071	3.538	ng	99
16) Acenaphthylene	14.002	152	93692	0.224	ng	# 1
17) Acenaphthene	14.345	154	120023	0.432	ng	# 51
18) Fluorene	15.334	166	339623	1.028	ng	# 75
25) Phenanthrene	17.078	178	1229780m	2.601	ng	
26) Anthracene	17.163	178	122335	0.300	ng	# 53
28) Fluoranthene	19.112	202	149007	0.286	ng	# 73
30) Pyrene	19.475	202	372685	0.745	ng	# 91
32) Benzo(a)anthracene	21.238	228	174055m	0.372	ng	
33) Chrysene	21.280	228	447057m	0.911	ng	
36) Indeno(1,2,3-cd)pyrene	25.808	276	9838	0.020	ng	# 49
37) Benzo(b)fluoranthene	22.834	252	85531m	0.211	ng	
39) Benzo(a)pyrene	23.416	252	58932	0.155	ng	# 1
40) Dibenzo(a,h)anthracene	25.808	278	12659	0.032	ng	# 1
41) Benzo(g,h,i)perylene	26.507	276	24419	0.057	ng	# 7

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

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