Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016765.D
Acq On : 06 Oct 2021 05:41
Operator : CG/JU
Sample : M3966-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-831-J-SO-2-2.5-092721

Manual Integrations APPROVED
mohammad
10/7/2021 8:31:52 AM

Quant Time: Oct 06 06:57:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 17:52:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	26494	0.40	ng		0.00
7) Naphthalene-d8	10.407	136	118773	0.40	ng		# 0.00
13) Acenaphthene-d10	14.269	164	64828	0.40	ng		0.00
19) Phenanthrene-d10	17.018	188	125086	0.40	ng		#-0.01
29) Chrysene-d12	21.227	240	120902	0.40	ng		#-0.01
35) Perylene-d12	23.484	264	133812	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.282	112	19430	0.29	ng		0.03
5) Phenol-d6	6.831	99	23227	0.31	ng		0.00
8) Nitrobenzene-d5	8.784	82	26459	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	65111	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	8648	0.35	ng		-0.01
15) 2-Fluorobiphenyl	12.886	172	81792	0.32	ng		-0.01
27) Fluoranthene-d10	19.063	212	122080	0.36	ng		0.00
31) Terphenyl-d14	19.678	244	91929	0.34	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.457	128	23270	0.07	ng		98
12) 2-Methylnaphthalene	12.074	142	9898	0.05	ng		98
16) Acenaphthylene	13.990	152	23127	0.08	ng		97
17) Acenaphthene	14.332	154	12849	0.07	ng		95
18) Fluorene	15.322	166	18264	0.08	ng	#	95
24) Pentachlorophenol	16.677	266	651	0.35	ng		95
25) Phenanthrene	17.066	178	330246m	0.90	ng		
26) Anthracene	17.151	178	77596	0.24	ng	#	94
28) Fluoranthene	19.093	202	853716	2.09	ng		100
30) Pyrene	19.460	202	772973	1.94	ng	#	94
32) Benzo(a)anthracene	21.217	228	534494	1.43	ng		98
33) Chrysene	21.270	228	508520	1.34	ng		96
34) Bis(2-ethylhexyl)phtha...	21.164	149	127944	0.56	ng	#	89
36) Indeno(1,2,3-cd)pyrene	25.764	276	321398	0.76	ng		97
37) Benzo(b)fluoranthene	22.810	252	775970	1.79	ng		97
38) Benzo(k)fluoranthene	22.851	252	253116m	0.61	ng		
39) Benzo(a)pyrene	23.385	252	502208	1.30	ng		98
40) Dibenzo(a,h)anthracene	25.774	278	78074	0.23	ng	#	82
41) Benzo(g,h,i)perylene	26.462	276	310945	0.82	ng		98

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

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