Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016703.D
Acq On : 03 Oct 2021 11:48
Operator : CG/JU
Sample : M3892-06
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-822-N-SO-1-1.5-092221

Manual Integrations APPROVED
mohammad
10/4/2021 11:49:37 AM

Quant Time: Oct 04 03:38:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	25426	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	118449	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	68478	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	139917	0.40	ng	#-0.01
29) Chrysene-d12	21.238	240	135231	0.40	ng	# 0.00
35) Perylene-d12	23.491	264	94513	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	19009	0.29	ng	0.02
5) Phenol-d6	6.831	99	20528	0.29	ng	0.00
8) Nitrobenzene-d5	8.784	82	23048	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	51209	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10947	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	64386	0.23	ng	-0.01
27) Fluoranthene-d10	19.068	212	101664	0.27	ng	0.00
31) Terphenyl-d14	19.679	244	76304	0.26	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.457	128	9772	0.03	ng	# 95
12) 2-Methylnaphthalene	12.078	142	10324	0.05	ng	99
17) Acenaphthene	14.332	154	5757	0.03	ng	96
18) Fluorene	15.322	166	8761m	0.04	ng	
25) Phenanthrene	17.066	178	147120m	0.35	ng	
26) Anthracene	17.151	178	31905	0.09	ng	# 93
28) Fluoranthene	19.098	202	320564	0.71	ng	99
30) Pyrene	19.460	202	274304	0.63	ng	# 96
32) Benzo(a)anthracene	21.217	228	166868	0.40	ng	98
33) Chrysene	21.270	228	170308m	0.41	ng	
34) Bis(2-ethylhexyl)phtha...	21.174	149	63482	0.38	ng	# 86
36) Indeno(1,2,3-cd)pyrene	25.768	276	44628	0.13	ng	97
37) Benzo(b)fluoranthene	22.814	252	186795	0.62	ng	# 93
38) Benzo(k)fluoranthene	22.858	252	70747m	0.24	ng	
39) Benzo(a)pyrene	23.392	252	104555	0.39	ng	# 93
40) Dibenzo(a,h)anthracene	25.785	278	14895	0.05	ng	# 52
41) Benzo(g,h,i)perylene	26.473	276	35975	0.12	ng	# 92

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

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