Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016697.D
Acq On : 03 Oct 2021 08:12
Operator : CG/JU
Sample : M3892-13
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-826-N-SO-0-0.5-092221

Manual Integrations APPROVED
mohammad
10/4/2021 11:49:16 AM

Quant Time: Oct 04 03:37:37 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	7.643	152	30050	0.40	ng		0.00
7) Naphthalene-d8	10.407	136	141431	0.40	ng		# 0.00
13) Acenaphthene-d10	14.269	164	80674	0.40	ng		0.00
19) Phenanthrene-d10	17.018	188	159419	0.40	ng		#-0.01
29) Chrysene-d12	21.238	240	161136	0.40	ng		# 0.00
35) Perylene-d12	23.495	264	144999	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.273	112	21116	0.28	ng		0.02
5) Phenol-d6	6.831	99	21411	0.26	ng		0.00
8) Nitrobenzene-d5	8.772	82	26821	0.29	ng		-0.01
11) 2-Methylnaphthalene-d10	12.003	152	59635	0.29	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	12964	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.886	172	75733	0.23	ng		-0.01
27) Fluoranthene-d10	19.068	212	121033	0.29	ng		0.00
31) Terphenyl-d14	19.679	244	103451	0.30	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.457	128	27632	0.07	ng		98
12) 2-Methylnaphthalene	12.074	142	19420	0.08	ng		97
16) Acenaphthylene	13.990	152	62302	0.18	ng		99
17) Acenaphthene	14.332	154	93004	0.39	ng		99
18) Fluorene	15.322	166	93650m	0.33	ng		
25) Phenanthrene	17.066	178	1853392	3.86	ng		99
26) Anthracene	17.152	178	346319	0.84	ng	#	93
28) Fluoranthene	19.098	202	3953910	7.63	ng		98
30) Pyrene	19.460	202	3548752	6.81	ng	#	93
32) Benzo(a)anthracene	21.217	228	1882576	3.81	ng		97
33) Chrysene	21.270	228	2265201m	4.52	ng		
34) Bis(2-ethylhexyl)phtha...	21.174	149	233823	1.19	ng	#	90
36) Indeno(1,2,3-cd)pyrene	25.774	276	886499	1.71	ng		97
37) Benzo(b)fluoranthene	22.821	252	2889565	6.20	ng		98
38) Benzo(k)fluoranthene	22.862	252	1046947m	2.27	ng		
39) Benzo(a)pyrene	23.396	252	1791942	4.32	ng		98
40) Dibenzo(a,h)anthracene	25.788	278	224510	0.54	ng	#	90
41) Benzo(g,h,i)perylene	26.476	276	795144	1.74	ng		98

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

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