Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016695.D
Acq On : 03 Oct 2021 07:00
Operator : CG/JU
Sample : M3892-07
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-823-N-SO-0-0.5-092221

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

Quant Time: Oct 04 03:37:21 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	32253	0.40	ng		0.00
7) Naphthalene-d8	10.407	136	148783	0.40	ng		# 0.00
13) Acenaphthene-d10	14.269	164	84454	0.40	ng		0.00
19) Phenanthrene-d10	17.017	188	166957	0.40	ng		#-0.01
29) Chrysene-d12	21.238	240	160190	0.40	ng		# 0.00
35) Perylene-d12	23.488	264	167550	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.273	112	21435	0.26	ng		0.02
5) Phenol-d6	6.831	99	22390	0.25	ng		0.00
8) Nitrobenzene-d5	8.784	82	27498	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	60088	0.27	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	12489	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.886	172	76011	0.22	ng		-0.01
27) Fluoranthene-d10	19.068	212	118389	0.27	ng		0.00
31) Terphenyl-d14	19.678	244	96532	0.28	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.457	128	20113	0.05	ng		98
12) 2-Methylnaphthalene	12.074	142	12775	0.05	ng	#	95
16) Acenaphthylene	13.989	152	44385	0.12	ng		99
17) Acenaphthene	14.332	154	78486	0.32	ng		99
18) Fluorene	15.322	166	72578m	0.25	ng		
25) Phenanthrene	17.066	178	1642142	3.27	ng		99
26) Anthracene	17.151	178	313547	0.72	ng	#	94
28) Fluoranthene	19.098	202	3741652	6.90	ng		98
30) Pyrene	19.460	202	3285473	6.34	ng	#	93
32) Benzo(a)anthracene	21.217	228	1937856	3.94	ng		98
33) Chrysene	21.270	228	2097327	4.21	ng		97
34) Bis(2-ethylhexyl)phtha...	21.164	149	140865	0.72	ng		96
36) Indeno(1,2,3-cd)pyrene	25.771	276	1026136	1.72	ng		97
37) Benzo(b)fluoranthene	22.817	252	2912621	5.41	ng		98
38) Benzo(k)fluoranthene	22.858	252	1004546m	1.89	ng		
39) Benzo(a)pyrene	23.392	252	1872578	3.90	ng		98
40) Dibenzo(a,h)anthracene	25.785	278	263833	0.55	ng	#	88
41) Benzo(g,h,i)perylene	26.473	276	950570	1.80	ng		98

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

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