Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016693.D
Acq On : 03 Oct 2021 05:48
Operator : CG/JU
Sample : M3892-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-823-N-SO-1-1.5-092221

Manual Integrations APPROVED
mohammad
10/4/2021 11:49:06 AM

Quant Time: Oct 04 03:37:05 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	33958	0.40	ng		0.00
7) Naphthalene-d8	10.406	136	153982	0.40	ng		# 0.00
13) Acenaphthene-d10	14.269	164	88066	0.40	ng		0.00
19) Phenanthrene-d10	17.017	188	171658	0.40	ng		#-0.01
29) Chrysene-d12	21.238	240	167415	0.40	ng		# 0.00
35) Perylene-d12	23.491	264	191385	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.272	112	23744	0.27	ng		0.02
5) Phenol-d6	6.831	99	24483	0.26	ng		0.00
8) Nitrobenzene-d5	8.784	82	27007	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	67699	0.30	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	12688	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.886	172	85965	0.24	ng		-0.01
27) Fluoranthene-d10	19.068	212	124835	0.27	ng		0.00
31) Terphenyl-d14	19.678	244	108292	0.30	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.457	128	15382	0.04	ng		97
12) 2-Methylnaphthalene	12.074	142	9092	0.03	ng		98
16) Acenaphthylene	13.989	152	33889	0.09	ng		98
17) Acenaphthene	14.332	154	26769	0.10	ng		98
18) Fluorene	15.322	166	33640m	0.11	ng		
24) Pentachlorophenol	16.677	266	1160	0.03	ng		97
25) Phenanthrene	17.066	178	649195m	1.26	ng		
26) Anthracene	17.151	178	273214	0.61	ng		98
28) Fluoranthene	19.097	202	5825385	10.45	ng		98
30) Pyrene	19.460	202	5378781	9.93	ng	#	92
32) Benzo(a)anthracene	21.217	228	4171265	8.12	ng		97
33) Chrysene	21.270	228	3592450	6.90	ng		96
34) Bis(2-ethylhexyl)phtha...	21.164	149	66525	0.32	ng	#	91
36) Indeno(1,2,3-cd)pyrene	25.778	276	2351581	3.44	ng		97
37) Benzo(b)fluoranthene	22.820	252	6073211	9.88	ng		97
38) Benzo(k)fluoranthene	22.858	252	2131353m	3.51	ng		
39) Benzo(a)pyrene	23.395	252	4426090	8.08	ng		98
40) Dibenzo(a,h)anthracene	25.788	278	613722	1.11	ng	#	93
41) Benzo(g,h,i)perylene	26.479	276	2105542	3.49	ng		99

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

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