Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
Data File : BN017639.D
Acq On : 01 Dec 2021 07:58
Operator : CG/JU
Sample : M4862-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CS-9

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 01 08:27:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 30 18:26:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.773	152	24291	0.400	ng		0.00
7) Naphthalene-d8	10.548	136	100143	0.400	ng		# 0.00
13) Acenaphthene-d10	14.384	164	62125	0.400	ng		0.00
19) Phenanthrene-d10	17.116	188	124557	0.400	ng		#-0.01
29) Chrysene-d12	21.303	240	114933	0.400	ng		#-0.01
35) Perylene-d12	23.616	264	118709	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.394	112	367	0.007	ng		0.03
5) Phenol-d6	6.952	99	2076	0.036	ng		0.00
8) Nitrobenzene-d5	8.913	82	12282	0.289	ng		0.00
11) 2-Methylnaphthalene-d10	12.138	152	42204	0.241	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	43	0.126	ng		-0.01
15) 2-Fluorobiphenyl	13.014	172	54468	0.225	ng		0.00
27) Fluoranthene-d10	19.154	212	96665	0.248	ng		0.00
31) Terphenyl-d14	19.754	244	71917	0.285	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.598	128	68562	0.271	ng		100
12) 2-Methylnaphthalene	12.209	142	18621	0.112	ng		98
16) Acenaphthylene	14.105	152	201264	0.831	ng		99
17) Acenaphthene	14.448	154	26007	0.155	ng		97
18) Fluorene	15.425	166	94527m	0.464	ng		
24) Pentachlorophenol	16.788	266	1185	0.218	ng		96
25) Phenanthrene	17.165	178	2613077	7.649	ng		99
26) Anthracene	17.250	178	574392	1.957	ng	#	92
28) Fluoranthene	19.184	202	4245508	10.982	ng		97
30) Pyrene	19.546	202	3494110	9.418	ng		96
32) Benzo(a)anthracene	21.293	228	1929533	5.527	ng		93
33) Chrysene	21.346	228	1648547	4.341	ng		96
34) Bis(2-ethylhexyl)phtha...	21.240	149	52192	0.630	ng		96
36) Indeno(1,2,3-cd)pyrene	25.985	276	918117	2.382	ng	#	92
37) Benzo(b)fluoranthene	22.918	252	2090546	5.311	ng		98
38) Benzo(k)fluoranthene	22.959	252	783970m	1.943	ng		
39) Benzo(a)pyrene	23.513	252	1395377	3.960	ng		97
40) Dibenzo(a,h)anthracene	25.988	278	213164	0.677	ng		94
41) Benzo(g,h,i)perylene	26.707	276	835892	2.579	ng		96

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

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