Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
Data File : BN017634.D
Acq On : 01 Dec 2021 04:59
Operator : CG/JU
Sample : M4862-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CS-1B

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

Quant Time: Dec 01 05:46:18 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	27970	0.400	ng		0.00
7) Naphthalene-d8	10.547	136	120434	0.400	ng	#	0.00
13) Acenaphthene-d10	14.384	164	71887	0.400	ng		0.00
19) Phenanthrene-d10	17.116	188	147244	0.400	ng	#	-0.01
29) Chrysene-d12	21.303	240	130304	0.400	ng	#	-0.01
35) Perylene-d12	23.616	264	125160	0.400	ng	#	-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.403	112	54	0.001	ng		0.04
5) Phenol-d6	6.961	99	129	0.002	ng		0.02
8) Nitrobenzene-d5	8.913	82	12461	0.244	ng		0.00
11) 2-Methylnaphthalene-d10	12.138	152	52701	0.251	ng		0.00
14) 2,4,6-Tribromophenol	15.881	330	67	0.126	ng		0.00
15) 2-Fluorobiphenyl	13.014	172	68359	0.244	ng		0.00
27) Fluoranthene-d10	19.154	212	119379	0.259	ng		0.00
31) Terphenyl-d14	19.754	244	87009	0.304	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.598	128	267520	0.881	ng		100
12) 2-Methylnaphthalene	12.213	142	49031	0.245	ng		97
16) Acenaphthylene	14.105	152	96407	0.344	ng		99
17) Acenaphthene	14.448	154	107863	0.557	ng		99
18) Fluorene	15.425	166	195079m	0.828	ng		
25) Phenanthrene	17.165	178	2398898	5.940	ng		100
26) Anthracene	17.250	178	529639	1.526	ng	#	93
28) Fluoranthene	19.183	202	3218480	7.042	ng		98
30) Pyrene	19.546	202	2680367	6.372	ng	#	94
32) Benzo(a)anthracene	21.293	228	1478312	3.735	ng		98
33) Chrysene	21.346	228	1291213	2.999	ng		97
34) Bis(2-ethylhexyl)phtha...	21.239	149	191099	2.036	ng		95
36) Indeno(1,2,3-cd)pyrene	25.985	276	705972	1.737	ng	#	92
37) Benzo(b)fluoranthene	22.918	252	1583693	3.816	ng		98
38) Benzo(k)fluoranthene	22.959	252	592219m	1.392	ng		
39) Benzo(a)pyrene	23.513	252	1060104	2.853	ng		97
40) Dibenzo(a,h)anthracene	25.991	278	167223	0.503	ng		95
41) Benzo(g,h,i)perylene	26.707	276	712011	2.084	ng		96

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

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