Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
Data File : BN016876.D
Acq On : 09 Oct 2021 11:36
Operator : CG/JU
Sample : M3966-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-2-2.5-092721

Manual Integrations APPROVED
mohammad
10/11/2021 2:12:48 PM

Quant Time: Oct 11 01:02:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 15:46:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.615	152	22313	0.400	ng		0.00
7) Naphthalene-d8	10.381	136	102660	0.400	ng		# 0.00
13) Acenaphthene-d10	14.243	164	58314	0.400	ng		0.00
19) Phenanthrene-d10	16.993	188	116312	0.400	ng		#-0.01
29) Chrysene-d12	21.217	240	116844	0.400	ng		# 0.01
35) Perylene-d12	23.464	264	124203	0.400	ng		# 0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.245	112	16595	0.298	ng		0.00
5) Phenol-d6	6.803	99	17921	0.283	ng		0.00
8) Nitrobenzene-d5	8.746	82	21189	0.295	ng		-0.01
11) 2-Methylnaphthalene-d10	11.972	152	44803	0.293	ng		0.00
14) 2,4,6-Tribromophenol	15.741	330	9920	0.329	ng		-0.01
15) 2-Fluorobiphenyl	12.860	172	56584	0.240	ng		-0.01
27) Fluoranthene-d10	19.043	212	89258	0.276	ng		0.00
31) Terphenyl-d14	19.654	244	74005	0.290	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.419	128	125726	0.450	ng		99
12) 2-Methylnaphthalene	12.047	142	46886	0.262	ng		100
16) Acenaphthylene	13.964	152	48020	0.187	ng		96
17) Acenaphthene	14.307	154	166491	0.973	ng		99
18) Fluorene	15.296	166	211022m	1.015	ng		
24) Pentachlorophenol	16.653	266	1169	0.134	ng		98
25) Phenanthrene	17.042	178	3360616	9.728	ng		99
26) Anthracene	17.127	178	618614	2.016	ng	#	93
28) Fluoranthene	19.078	202	5280318	13.611	ng		98
30) Pyrene	19.440	202	4620300	12.860	ng	#	92
32) Benzo(a)anthracene	21.196	228	2423074	6.705	ng		98
33) Chrysene	21.249	228	2556936	6.948	ng		97
34) Bis(2-ethylhexyl)phtha...	21.142	149	374427	2.039	ng		98
36) Indeno(1,2,3-cd)pyrene	25.737	276	1285354	2.733	ng		97
37) Benzo(b)fluoranthene	22.793	252	3394920	8.635	ng		97
38) Benzo(k)fluoranthene	22.831	252	1237973m	3.239	ng		
39) Benzo(a)pyrene	23.368	252	2292866	6.383	ng		98
40) Dibenzo(a,h)anthracene	25.747	278	304605	0.791	ng	#	89
41) Benzo(g,h,i)perylene	26.432	276	1202281	2.939	ng		98

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

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