Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
Data File : BN016877.D
Acq On : 09 Oct 2021 12:12
Operator : CG/JU
Sample : M3966-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-1-1.5-092721

Manual Integrations APPROVED
mohammad
10/11/2021 2:12:50 PM

Quant Time: Oct 11 01:03:07 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	7.614	152	18548	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	87089	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	51655	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	106484	0.400	ng	#-0.01
29) Chrysene-d12	21.217	240	101703	0.400	ng	# 0.01
35) Perylene-d12	23.464	264	99800	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	13449	0.290	ng	0.00
5) Phenol-d6	6.803	99	14633	0.278	ng	0.00
8) Nitrobenzene-d5	8.746	82	18298	0.300	ng	-0.01
11) 2-Methylnaphthalene-d10	11.976	152	38307	0.295	ng	0.00
14) 2,4,6-Tribromophenol	15.740	330	9345	0.350	ng	-0.01
15) 2-Fluorobiphenyl	12.860	172	48903	0.235	ng	-0.01
27) Fluoranthene-d10	19.043	212	85390	0.289	ng	0.00
31) Terphenyl-d14	19.653	244	74664	0.337	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.432	128	38280	0.161	ng	98
12) 2-Methylnaphthalene	12.047	142	28868	0.190	ng	98
16) Acenaphthylene	13.964	152	79632	0.349	ng	97
17) Acenaphthene	14.307	154	102068	0.674	ng	99
18) Fluorene	15.296	166	120587m	0.655	ng	
24) Pentachlorophenol	16.652	266	873	0.128	ng	97
25) Phenanthrene	17.042	178	2168918	6.858	ng	100
26) Anthracene	17.127	178	763047	2.716	ng	97
28) Fluoranthene	19.082	202	6129585	17.259	ng	97
30) Pyrene	19.445	202	6007947	19.211	ng	# 89
32) Benzo(a)anthracene	21.206	228	4588962	14.589	ng	97
33) Chrysene	21.259	228	3720107m	11.613	ng	
34) Bis(2-ethylhexyl)phtha...	21.153	149	163583	1.023	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.736	276	1633775	4.323	ng	97
37) Benzo(b)fluoranthene	22.796	252	5199232	16.458	ng	97
38) Benzo(k)fluoranthene	22.837	252	2025391m	6.594	ng	
39) Benzo(a)pyrene	23.371	252	3854944	13.355	ng	98
40) Dibenzo(a,h)anthracene	25.747	278	422661	1.366	ng	# 91
41) Benzo(g,h,i)perylene	26.435	276	1450607	4.414	ng	99

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

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