Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
Data File : BN016875.D
Acq On : 09 Oct 2021 11:00
Operator : CG/JU
Sample : M3966-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721

Manual Integrations APPROVED
mohammad
10/11/2021 2:12:45 PM

Quant Time: Oct 11 01:02:49 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	7.605	152	23106	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	107119	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	59162	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	113919	0.400	ng	#-0.01
29) Chrysene-d12	21.216	240	109739	0.400	ng	# 0.01
35) Perylene-d12	23.457	264	126163	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	15885	0.275	ng	0.00
5) Phenol-d6	6.803	99	16917	0.258	ng	0.00
8) Nitrobenzene-d5	8.746	82	19527	0.260	ng	-0.01
11) 2-Methylnaphthalene-d10	11.976	152	42319	0.265	ng	0.00
14) 2,4,6-Tribromophenol	15.740	330	9196	0.300	ng	-0.01
15) 2-Fluorobiphenyl	12.860	172	52117	0.218	ng	-0.01
27) Fluoranthene-d10	19.043	212	75271	0.238	ng	0.00
31) Terphenyl-d14	19.653	244	56483	0.236	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.432	128	189100	0.648	ng	99
12) 2-Methylnaphthalene	12.047	142	55469	0.297	ng	100
16) Acenaphthylene	13.964	152	93520	0.358	ng	98
17) Acenaphthene	14.306	154	129735	0.748	ng	100
18) Fluorene	15.296	166	149232m	0.707	ng	
24) Pentachlorophenol	16.652	266	871	0.126	ng	98
25) Phenanthrene	17.042	178	1293196	3.822	ng	100
26) Anthracene	17.127	178	291021	0.968	ng	# 95
28) Fluoranthene	19.072	202	2500092	6.580	ng	99
30) Pyrene	19.435	202	2147260	6.363	ng	# 94
32) Benzo(a)anthracene	21.195	228	1314338	3.873	ng	98
33) Chrysene	21.248	228	1181015	3.417	ng	95
34) Bis(2-ethylhexyl)phtha...	21.142	149	128523	0.745	ng	98
36) Indeno(1,2,3-cd)pyrene	25.723	276	822441	1.721	ng	97
37) Benzo(b)fluoranthene	22.786	252	1695781	4.246	ng	97
38) Benzo(k)fluoranthene	22.827	252	628289m	1.618	ng	
39) Benzo(a)pyrene	23.357	252	1222662	3.351	ng	98
40) Dibenzo(a,h)anthracene	25.733	278	197216	0.504	ng	# 88
41) Benzo(g,h,i)perylene	26.417	276	806364	1.941	ng	99

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

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