Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016704.D
Acq On : 03 Oct 2021 12:24
Operator : CG/JU
Sample : M3892-03
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-829-J-SO-2-2.5-092221

Manual Integrations APPROVED
mohammad
10/4/2021 11:49:40 AM

Quant Time: Oct 04 03:38:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.643	152	24942	0.40	ng		0.00
7) Naphthalene-d8	10.407	136	115364	0.40	ng		0.00
13) Acenaphthene-d10	14.269	164	66676	0.40	ng		0.00
19) Phenanthrene-d10	17.030	188	134317	0.40	ng		0.00
29) Chrysene-d12	21.238	240	133452	0.40	ng	#	0.00
35) Perylene-d12	23.488	264	90619	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.273	112	19309	0.30	ng		0.02
5) Phenol-d6	6.831	99	20963	0.30	ng		0.00
8) Nitrobenzene-d5	8.785	82	23765	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	53414	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	12229	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.886	172	68659	0.25	ng		-0.01
27) Fluoranthene-d10	19.068	212	110834	0.31	ng		0.00
31) Terphenyl-d14	19.679	244	84888	0.29	ng		0.00
Target Compounds							Qvalue
17) Acenaphthene	14.332	154	17844	0.09	ng		97
18) Fluorene	15.322	166	15431m	0.07	ng		
25) Phenanthrene	17.066	178	294301m	0.73	ng		
26) Anthracene	17.152	178	70521	0.20	ng	#	94
28) Fluoranthene	19.098	202	652273	1.49	ng		99
30) Pyrene	19.460	202	554774	1.28	ng	#	93
32) Benzo(a)anthracene	21.217	228	313863	0.77	ng		99
33) Chrysene	21.270	228	289815	0.70	ng		98
34) Bis(2-ethylhexyl)phtha...	21.174	149	28238	0.17	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.768	276	67268	0.21	ng		99
37) Benzo(b)fluoranthene	22.814	252	294968	1.01	ng	#	96
38) Benzo(k)fluoranthene	22.855	252	124494m	0.43	ng		
39) Benzo(a)pyrene	23.389	252	173229	0.67	ng	#	96
40) Dibenzo(a,h)anthracene	25.792	278	20762	0.08	ng	#	71
41) Benzo(g,h,i)perylene	26.473	276	52216	0.18	ng	#	89

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

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