Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
Data File : BN016327.D
Acq On : 18 Sep 2021 10:20
Operator : CG/JU
Sample : M3733-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SUP-UST-01-(5-7)

Manual Integrations APPROVED
mohammad
9/20/2021 4:22:33 PM

Quant Time: Sep 20 00:56:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 23:59:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.688	152	26679	0.400	ng		0.00
7) Naphthalene-d8	10.457	136	126648	0.400	ng	#	0.00
13) Acenaphthene-d10	14.307	164	72737	0.400	ng		0.00
19) Phenanthrene-d10	17.054	188	139957	0.400	ng	#	-0.01
29) Chrysene-d12	21.259	240	143433	0.400	ng	#	0.00
35) Perylene-d12	23.525	264	149912	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.328	112	29054	0.434	ng		0.03
5) Phenol-d6	6.877	99	150442m	1.854	ng		0.00
8) Nitrobenzene-d5	8.822	82	184408	2.451	ng		-0.01
11) 2-Methylnaphthalene-d10	12.047	152	69624	0.349	ng		0.00
14) 2,4,6-Tribromophenol	15.804	330	9445	0.442	ng		0.00
15) 2-Fluorobiphenyl	12.936	172	84067	0.295	ng		0.00
27) Fluoranthene-d10	19.097	212	122729	0.303	ng		0.00
31) Terphenyl-d14	19.708	244	89928	0.271	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.508	128	629292	1.844	ng		98
12) 2-Methylnaphthalene	12.123	142	72400	0.320	ng		98
17) Acenaphthene	14.370	154	5445	0.026	ng	#	89
18) Fluorene	15.360	166	9427	0.036	ng	#	92
25) Phenanthrene	17.102	178	62618	0.158	ng		97
26) Anthracene	17.188	178	13473	0.035	ng		96
28) Fluoranthene	19.127	202	48583	0.107	ng		99
30) Pyrene	19.490	202	41789	0.092	ng	#	91
32) Benzo(a)anthracene	21.248	228	22080	0.048	ng	#	93
33) Chrysene	21.302	228	16621	0.037	ng	#	92
34) Bis(2-ethylhexyl)phtha...	21.195	149	203014	0.817	ng		99
36) Indeno(1,2,3-cd)pyrene	25.822	276	9905	0.020	ng	#	87
37) Benzo(b)fluoranthene	22.848	252	22259	0.047	ng	#	61
39) Benzo(a)pyrene	23.426	252	15701	0.036	ng	#	65
41) Benzo(g,h,i)perylene	26.524	276	9190	0.022	ng	#	89

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

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