Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016639.D
Acq On : 01 Oct 2021 17:08
Operator : CG/JU
Sample : M4020-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-821-N-SO-2-2.5-093021

Manual Integrations APPROVED
mohammad
10/4/2021 11:47:59 AM

Quant Time: Oct 01 18:01:10 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	29362	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	136810	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	76944	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	151825	0.40	ng	# 0.00
29) Chrysene-d12	21.228	240	146473	0.40	ng	#-0.01
35) Perylene-d12	23.485	264	162525	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	22178	0.30	ng	0.02
5) Phenol-d6	6.831	99	22056	0.27	ng	0.00
8) Nitrobenzene-d5	8.785	82	24903	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	59076	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	11305	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	75313	0.24	ng	0.00
27) Fluoranthene-d10	19.063	212	112204	0.28	ng	0.00
31) Terphenyl-d14	19.679	244	81952	0.26	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	2263	0.17	ng	# 84
9) Naphthalene	10.457	128	17685	0.05	ng	97
12) 2-Methylnaphthalene	12.078	142	7623	0.03	ng	99
16) Acenaphthylene	13.990	152	7736	0.02	ng	# 92
17) Acenaphthene	14.332	154	5067	0.02	ng	93
18) Fluorene	15.322	166	9569	0.04	ng	89
25) Phenanthrene	17.066	178	74426	0.16	ng	98
26) Anthracene	17.152	178	15417	0.04	ng	# 90
28) Fluoranthene	19.098	202	116592	0.24	ng	97
30) Pyrene	19.460	202	112676	0.24	ng	# 95
32) Benzo(a)anthracene	21.217	228	52103	0.12	ng	# 92
33) Chrysene	21.270	228	56600	0.12	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.164	149	60746	0.34	ng	97
36) Indeno(1,2,3-cd)pyrene	25.764	276	38178	0.07	ng	# 92
37) Benzo(b)fluoranthene	22.807	252	78394	0.15	ng	# 75
38) Benzo(k)fluoranthene	22.848	252	29367m	0.06	ng	
39) Benzo(a)pyrene	23.385	252	51530	0.11	ng	# 77
40) Dibenzo(a,h)anthracene	25.774	278	9809	0.02	ng	# 1
41) Benzo(g,h,i)perylene	26.462	276	38107	0.07	ng	# 79

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

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