Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
Data File : BN016491.D
Acq On : 26 Sep 2021 02:02
Operator : CG/JU
Sample : M3920-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-814-N-SO-1-1.5-092321

Manual Integrations APPROVED
mohammad
9/28/2021 1:37:04 PM

Quant Time: Sep 26 04:47:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.670	152	16867	0.40	ng		0.00
7) Naphthalene-d8	10.432	136	71485	0.40	ng		#-0.01
13) Acenaphthene-d10	14.294	164	35729	0.40	ng		0.00
19) Phenanthrene-d10	17.042	188	76317	0.40	ng		0.00
29) Chrysene-d12	21.249	240	81689	0.40	ng		# 0.00
35) Perylene-d12	23.512	264	79001	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	10768	0.28	ng		0.02
5) Phenol-d6	6.850	99	11989	0.27	ng		0.00
8) Nitrobenzene-d5	8.810	82	13560	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.030	152	29586	0.28	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	2225	0.29	ng		0.00
15) 2-Fluorobiphenyl	12.911	172	37480	0.25	ng		-0.01
27) Fluoranthene-d10	19.088	212	59659	0.28	ng		0.00
31) Terphenyl-d14	19.698	244	42175	0.22	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.483	128	9208	0.05	ng		97
12) 2-Methylnaphthalene	12.101	142	5232	0.04	ng	#	95
16) Acenaphthylene	14.002	152	8104	0.06	ng		96
17) Acenaphthene	14.358	154	13124	0.13	ng	#	92
18) Fluorene	15.347	166	13258m	0.11	ng		
24) Pentachlorophenol	16.701	266	168	0.25	ng		92
25) Phenanthrene	17.091	178	370205	1.63	ng		99
26) Anthracene	17.176	178	57804	0.31	ng	#	94
28) Fluoranthene	19.118	202	785902	3.16	ng		98
30) Pyrene	19.480	202	690915	2.70	ng	#	95
32) Benzo(a)anthracene	21.238	228	369679	1.56	ng		97
33) Chrysene	21.281	228	341720	1.34	ng		97
34) Bis(2-ethylhexyl)phtha...	21.185	149	19623	0.30	ng	#	94
36) Indeno(1,2,3-cd)pyrene	25.805	276	197984	0.77	ng	#	94
37) Benzo(b)fluoranthene	22.834	252	460718	1.75	ng		99
38) Benzo(k)fluoranthene	22.872	252	176665m	0.69	ng		
39) Benzo(a)pyrene	23.413	252	299443m	1.39	ng		
40) Dibenzo(a,h)anthracene	25.819	278	43965	0.20	ng	#	95
41) Benzo(g,h,i)perylene	26.507	276	205523	0.92	ng		95

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

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