Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
Data File : BN028256.D
Acq On : 12 Oct 2023 05:51
Operator : MA/JU
Sample : 04805-04 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
H-1(0-5)

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

Quant Time: Oct 12 06:18:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 04:03:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.914	152	4138	0.400	ng		0.00
7) Naphthalene-d8	10.724	136	14032	0.400	ng		#-0.01
13) Acenaphthene-d10	14.555	164	9640	0.400	ng		-0.01
19) Phenanthrene-d10	17.319	188	17739	0.400	ng		0.00
29) Chrysene-d12	21.515	240	13337m	0.400	ng		0.00
35) Perylene-d12	23.993	264	19866	0.400	ng		# 0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.451	112	1537	0.125	ng		-0.01
5) Phenol-d6	7.084	99	1802	0.116	ng		0.00
8) Nitrobenzene-d5	9.112	82	2409	0.202	ng		-0.01
11) 2-Methylnaphthalene-d10	12.313	152	3477	0.167	ng		-0.01
14) 2,4,6-Tribromophenol	16.065	330	501	0.113	ng		-0.01
15) 2-Fluorobiphenyl	13.176	172	3319	0.096	ng		-0.01
27) Fluoranthene-d10	19.356	212	4985	0.112	ng		0.00
31) Terphenyl-d14	19.941	244	5569	0.179	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.778	128	160424	4.425	ng		99
12) 2-Methylnaphthalene	12.385	142	43951	1.733	ng		96
16) Acenaphthylene	14.288	152	755161	17.683	ng		99
17) Acenaphthene	14.619	154	110629	4.064	ng		97
18) Fluorene	15.606	166	91478	2.587	ng	#	81
25) Phenanthrene	17.356	178	1359557	28.428	ng		99
26) Anthracene	17.455	178	949220	20.999	ng	#	94
28) Fluoranthene	19.388	202	2711697	49.132	ng		99
30) Pyrene	19.755	202	2932400	59.960	ng		98
32) Benzo(a)anthracene	21.506	228	1506451	33.194	ng		94
33) Chrysene	21.560	228	1301582	29.760	ng		96
34) Bis(2-ethylhexyl)phtha...	21.372	149	4758	0.159	ng	#	35
36) Indeno(1,2,3-cd)pyrene	26.589	276	692608	10.365	ng		97
37) Benzo(b)fluoranthene	23.232	252	1390921	21.679	ng	#	89
38) Benzo(k)fluoranthene	23.273	252	539966m	8.297	ng		
39) Benzo(a)pyrene	23.884	252	1272187m	20.970	ng		
40) Dibenzo(a,h)anthracene	26.598	278	203722	3.727	ng		99
41) Benzo(g,h,i)perylene	27.410	276	691260	12.320	ng		95

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

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