Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025298.D
Acq On : 06 May 2023 03:24
Operator : CG/JU
Sample : 02588-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 08 03:19:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 02:37:05 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
ZONE-C-3-6-05012023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	5533	0.400	ng	0.00
7) Naphthalene-d8	10.728	136	18747	0.400	ng	0.00
13) Acenaphthene-d10	14.555	164	12538	0.400	ng	0.00
19) Phenanthrene-d10	17.298	188	29430	0.400	ng	#-0.01
29) Chrysene-d12	21.491	240	27449	0.400	ng	#-0.02
35) Perylene-d12	23.924	264	30919	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.470	112	4112	0.305	ng	0.00
5) Phenol-d6	7.095	99	5080	0.301	ng	0.00
8) Nitrobenzene-d5	9.084	82	3732	0.242	ng	-0.01
11) 2-Methylnaphthalene-d10	12.313	152	7015	0.274	ng	0.00
14) 2,4,6-Tribromophenol	16.057	330	2113	0.330	ng	-0.01
15) 2-Fluorobiphenyl	13.187	172	10599	0.247	ng	0.00
27) Fluoranthene-d10	19.334	212	17111	0.235	ng	0.00
31) Terphenyl-d14	19.928	244	12854	0.232	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.771	128	6751	0.140	ng	96
12) 2-Methylnaphthalene	12.389	142	2533	0.074	ng	96
16) Acenaphthylene	14.277	152	8616	0.153	ng	97
17) Acenaphthene	14.619	154	4616	0.132	ng	99
18) Fluorene	15.603	166	6441	0.135	ng	# 96
25) Phenanthrene	17.348	178	97389	1.196	ng	100
26) Anthracene	17.435	178	24846	0.326	ng	98
28) Fluoranthene	19.363	202	245462	2.413	ng	99
30) Pyrene	19.726	202	221714	2.363	ng	# 96
32) Benzo(a)anthracene	21.473	228	127798	1.377	ng	98
33) Chrysene	21.526	228	123652	1.339	ng	97
34) Bis(2-ethylhexyl)phtha...	21.392	149	118249	1.624	ng	98
36) Indeno(1,2,3-cd)pyrene	26.439	276	75683	0.611	ng	95
37) Benzo(b)fluoranthene	23.188	252	177493	1.811	ng	98
38) Benzo(k)fluoranthene	23.226	252	63044m	0.614	ng	
39) Benzo(a)pyrene	23.813	252	126353	1.258	ng	96
40) Dibenzo(a,h)anthracene	26.445	278	19052	0.195	ng	# 77
41) Benzo(g,h,i)perylene	27.222	276	72731	0.677	ng	100

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

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