Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010155.D
Acq On : 09 Mar 2020 21:07
Operator : CG/JU
Sample : L1842-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 10 10:56:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
RE108D1-20200304

Manual Integrations APPROVED
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3/10/2020 2:45:54 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	680	0.40	ng		-0.03
7) Naphthalene-d8	10.16	136	2200	0.40	ng		-0.01
13) Acenaphthene-d10	14.01	164	1642	0.40	ng		-0.04
19) Phenanthrene-d10	16.79	188	3344	0.40	ng		-0.02
27) Chrysene-d12	21.00	240	3495	0.40	ng		-0.03
34) Perylene-d12	23.10	264	3720	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	278	0.18	ng		-0.02
5) Phenol-d6	6.69	99	126m	0.07	ng		0.04
8) Nitrobenzene-d5	8.66	82	813m	0.44	ng		0.06
11) 2-Methylnaphthalene-d10	11.77	152	1404	0.33	ng		-0.01
14) 2,4,6-Tribromophenol	15.56	330	303	0.48	ng		-0.02
15) 2-Fluorobiphenyl	12.65	172	2265	0.37	ng		-0.03
25) Fluoranthene-d10	18.83	212	4105	0.35	ng		-0.03
29) Terphenyl-d14	19.43	244	3935	0.47	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	3234m	4.644	ng		
9) Naphthalene	10.22	128	285	0.047	ng	#	16
17) Acenaphthene	14.08	154	177	0.036	ng		90
18) Fluorene	15.10	166	286	0.044	ng		98
23) Phenanthrene	16.84	178	954	0.096	ng		99
24) Anthracene	16.94	178	281	0.033	ng	#	90
26) Fluoranthene	18.85	202	437	0.037	ng	#	90
28) Pyrene	19.22	202	401	0.030	ng	#	93
30) Benzo(a)anthracene	20.99	228	266	0.023	ng	#	61
31) Chrysene	21.05	228	396	0.030	ng	#	69
32) Bis(2-ethylhexyl)phthalate	20.92	149	1002	0.177	ng		100
35) Benzo(b)fluoranthene	22.49	252	568	0.042	ng	#	1
36) Benzo(k)fluoranthene	22.54	252	416	0.028	ng	#	1
38) Dibenzo(a,h)anthracene	25.18	278	261m	0.021	ng		
39) Benzo(g,h,i)perylene	25.79	276	372	0.029	ng	#	35

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

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