Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012722\
Data File : BN018494.D
Acq On : 27 Jan 2022 18:36
Operator : CG/JU
Sample : N1245-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/31/2022
Supervised By :mohammad ahmed 02/01/2022

Quant Time: Jan 28 03:06:11 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 28 03:03:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	29802	0.400	ng		0.00
7) Naphthalene-d8	10.736	136	135804	0.400	ng	#	0.00
13) Acenaphthene-d10	14.561	164	78066	0.400	ng		0.00
19) Phenanthrene-d10	17.297	188	149366	0.400	ng		0.00
29) Chrysene-d12	21.472	240	117995	0.400	ng	#	0.00
35) Perylene-d12	23.878	264	150834	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.503	112	20220	0.267	ng		0.02
5) Phenol-d6	7.089	99	22781	0.274	ng		0.00
8) Nitrobenzene-d5	9.089	82	25863	0.276	ng		0.00
11) 2-Methylnaphthalene-d10	12.323	152	53779	0.245	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	8798	0.339	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	72787	0.235	ng		0.00
27) Fluoranthene-d10	19.331	212	93832	0.213	ng		0.00
31) Terphenyl-d14	19.917	244	78063	0.260	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.787	128	234293	0.659	ng		100
12) 2-Methylnaphthalene	12.394	142	47344	0.198	ng		99
16) Acenaphthylene	14.281	152	264516	0.805	ng		100
17) Acenaphthene	14.624	154	58897	0.268	ng		99
18) Fluorene	15.601	166	122358	0.454	ng	#	97
25) Phenanthrene	17.334	178	1568885	3.591	ng		99
26) Anthracene	17.431	178	691115	1.863	ng		99
28) Fluoranthene	19.361	202	4559060	9.469	ng	#	96
30) Pyrene	19.718	202	4200280	10.392	ng	#	93
32) Benzo(a)anthracene	21.461	228	4245511	10.827	ng		92
33) Chrysene	21.514	228	3350659	8.431	ng		96
34) Bis(2-ethylhexyl)phtha...	21.387	149	15584	0.098	ng		91
36) Indeno(1,2,3-cd)pyrene	26.377	276	2260279	4.167	ng		97
37) Benzo(b)fluoranthene	23.156	252	4681046	9.014	ng	#	96
38) Benzo(k)fluoranthene	23.194	252	1927507m	3.714	ng		
39) Benzo(a)pyrene	23.779	252	3822208	9.199	ng	#	97
40) Dibenzo(a,h)anthracene	26.387	278	702372	1.661	ng	#	90
41) Benzo(g,h,i)perylene	27.150	276	1853034	3.926	ng	#	94

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

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