Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN018003.D
Acq On : 14 Dec 2021 14:41
Operator : CG/JU
Sample : M4956-12MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021

Quant Time: Dec 15 02:19:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 01:08:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.688	152	31597	0.400	ng		0.00
7) Naphthalene-d8	10.470	136	130577	0.400	ng		0.00
13) Acenaphthene-d10	14.319	164	82786	0.400	ng		0.00
19) Phenanthrene-d10	17.066	188	170477	0.400	ng		0.00
29) Chrysene-d12	21.270	240	170804	0.400	ng		0.00
35) Perylene-d12	23.546	264	166004	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.309	112	10354	0.151	ng		0.02
5) Phenol-d6	6.886	99	7191	0.105	ng		0.02
8) Nitrobenzene-d5	8.835	82	31328	0.338	ng		0.00
11) 2-Methylnaphthalene-d10	12.060	152	68932	0.318	ng		0.00
14) 2,4,6-Tribromophenol	15.816	330	19873	0.568	ng		0.00
15) 2-Fluorobiphenyl	12.949	172	110252	0.382	ng		0.00
27) Fluoranthene-d10	19.102	212	200647	0.352	ng		0.00
31) Terphenyl-d14	19.708	244	171253	0.481	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.262	88	6726m	0.342	ng		
3) n-Nitrosodimethylamine	3.576	42	7030	0.239	ng	#	73
6) bis(2-Chloroethyl)ether	7.117	93	31007	0.382	ng		98
9) Naphthalene	10.508	128	118146	0.361	ng		99
10) Hexachlorobutadiene	10.812	225	29360	0.326	ng	#	100
12) 2-Methylnaphthalene	12.136	142	86557	0.423	ng		100
16) Acenaphthylene	14.027	152	144209	0.421	ng		98
17) Acenaphthene	14.383	154	85340m	0.392	ng		
18) Fluorene	15.372	166	121317	0.454	ng		100
20) 4,6-Dinitro-2-methylph...	15.448	198	9101	0.644	ng		94
21) 4-Bromophenyl-phenylether	16.263	248	48316	0.468	ng	#	86
22) Hexachlorobenzene	16.372	284	51308	0.416	ng		99
23) Atrazine	16.543	200	43255	0.567	ng	#	91
24) Pentachlorophenol	16.725	266	61548	1.802	ng		99
25) Phenanthrene	17.102	178	214322m	0.494	ng		
26) Anthracene	17.200	178	183298	0.468	ng		100
28) Fluoranthene	19.132	202	263669	0.487	ng		100
30) Pyrene	19.494	202	265931	0.474	ng		99
32) Benzo(a)anthracene	21.248	228	253785	0.494	ng		97
33) Chrysene	21.301	228	242971	0.443	ng		98
34) Bis(2-ethylhexyl)phtha...	21.195	149	188405	0.747	ng		99
36) Indeno(1,2,3-cd)pyrene	25.884	276	275264	0.495	ng		100
37) Benzo(b)fluoranthene	22.858	252	254888	0.517	ng	#	97
38) Benzo(k)fluoranthene	22.899	252	246578	0.512	ng	#	96
39) Benzo(a)pyrene	23.443	252	226349	0.451	ng		97
40) Dibenzo(a,h)anthracene	25.897	278	223881	0.517	ng		98
41) Benzo(g,h,i)perylene	26.596	276	234432	0.451	ng		99

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

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