Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052622\
Data File : BN019969.D
Acq On : 26 May 2022 12:29
Operator : CG/JU
Sample : N2958-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT172S1-20220516MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

Quant Time: May 27 03:06:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 07:42:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	4345	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	15168	0.400	ng		0.00
13) Acenaphthene-d10	14.463	164	9304	0.400	ng		0.00
19) Phenanthrene-d10	17.205	188	18492	0.400	ng	#	0.00
29) Chrysene-d12	21.396	240	12026	0.400	ng	#	0.00
35) Perylene-d12	23.735	264	9829	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	1230	0.113	ng		0.00
5) Phenol-d6	7.017	99	959	0.070	ng		0.00
8) Nitrobenzene-d5	8.993	82	2692	0.235	ng		0.00
11) 2-Methylnaphthalene-d10	12.223	152	6609	0.250	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	992	0.270	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	10402	0.256	ng		0.00
27) Fluoranthene-d10	19.240	212	17793	0.339	ng		0.00
31) Terphenyl-d14	19.839	244	13371	0.472	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.348	88	8878m	1.722	ng		
3) n-Nitrosodimethylamine	3.673	42	661	0.117	ng	#	83
6) bis(2-Chloroethyl)ether	7.269	93	3085	0.233	ng		99
9) Naphthalene	10.690	128	10787	0.234	ng		98
10) Hexachlorobutadiene	10.979	225	1782	0.213	ng	#	99
12) 2-Methylnaphthalene	12.299	142	7258	0.231	ng		99
16) Acenaphthylene	14.185	152	11275m	0.258	ng		
17) Acenaphthene	14.527	154	7156	0.222	ng		97
18) Fluorene	15.511	166	9542	0.234	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	256	0.096	ng	#	54
21) 4-Bromophenyl-phenylether	16.405	248	3172	0.281	ng	#	85
22) Hexachlorobenzene	16.528	284	3630	0.290	ng		99
23) Atrazine	16.662	200	2410	0.327	ng		96
24) Pentachlorophenol	16.867	266	1609	0.333	ng		98
25) Phenanthrene	17.246	178	18474	0.289	ng		100
26) Anthracene	17.338	178	15916	0.294	ng		100
28) Fluoranthene	19.265	202	20616	0.300	ng		100
30) Pyrene	19.628	202	20905	0.410	ng		100
32) Benzo(a)anthracene	21.378	228	15709	0.358	ng		100
33) Chrysene	21.431	228	15409	0.314	ng		98
34) Bis(2-ethylhexyl)phtha...	21.315	149	12549	0.688	ng		99
36) Indeno(1,2,3-cd)pyrene	26.135	276	12939	0.281	ng		99
37) Benzo(b)fluoranthene	23.025	252	13932	0.325	ng		98
38) Benzo(k)fluoranthene	23.071	252	13758	0.302	ng		98
39) Benzo(a)pyrene	23.630	252	12507	0.370	ng		98
40) Dibenzo(a,h)anthracene	26.150	278	10824	0.292	ng		98
41) Benzo(g,h,i)perylene	26.869	276	11258	0.295	ng		99

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

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