Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050322\
Data File : BN019646.D
Acq On : 03 May 2022 13:40
Operator : CG/JU
Sample : N2640-08MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MWBR3-B-117-137-042922MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/05/2022

Quant Time: May 04 07:33:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 02:56:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	3969	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10774	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	5016	0.400	ng	-0.01
19) Phenanthrene-d10	17.225	188	9543	0.400	ng	-0.01
29) Chrysene-d12	21.413	240	9519	0.400	ng	# 0.00
35) Perylene-d12	23.761	264	8804	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.456	112	1080	0.110	ng	0.00
5) Phenol-d6	7.031	99	782	0.067	ng	0.00
8) Nitrobenzene-d5	9.014	82	2274	0.297	ng	-0.01
11) 2-Methylnaphthalene-d10	12.246	152	5728m	0.343	ng	-0.01
14) 2,4,6-Tribromophenol	15.974	330	414	0.258	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	6166	0.287	ng	-0.01
27) Fluoranthene-d10	19.257	212	9213	0.339	ng	0.00
31) Terphenyl-d14	19.855	244	5911	0.282	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	46962m	10.123	ng	
3) n-Nitrosodimethylamine	3.694	42	633	0.175	ng	# 77
6) bis(2-Chloroethyl)ether	7.298	93	3087	0.309	ng	99
9) Naphthalene	10.712	128	9726	0.316	ng	99
10) Hexachlorobutadiene	11.011	225	1521	0.261	ng	# 99
12) 2-Methylnaphthalene	12.321	142	5376	0.278	ng	98
16) Acenaphthylene	14.206	152	6665m	0.295	ng	
17) Acenaphthene	14.549	154	4497	0.278	ng	99
18) Fluorene	15.532	166	5469	0.276	ng	99
20) 4,6-Dinitro-2-methylph...	15.607	198	238	0.286	ng	# 76
21) 4-Bromophenyl-phenylether	16.425	248	1687	0.289	ng	# 74
22) Hexachlorobenzene	16.538	284	1972	0.289	ng	98
23) Atrazine	16.682	200	916	0.265	ng	97
24) Pentachlorophenol	16.877	266	1106	0.480	ng	97
25) Phenanthrene	17.266	178	9855	0.309	ng	100
26) Anthracene	17.359	178	7819	0.296	ng	99
28) Fluoranthene	19.286	202	11035	0.320	ng	99
30) Pyrene	19.649	202	11105	0.285	ng	100
32) Benzo(a)anthracene	21.395	228	9931	0.289	ng	99
33) Chrysene	21.449	228	11204	0.299	ng	100
34) Bis(2-ethylhexyl)phtha...	21.333	149	3832	0.244	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.179	276	11304	0.267	ng	99
37) Benzo(b)fluoranthene	23.048	252	11058	0.308	ng	98
38) Benzo(k)fluoranthene	23.094	252	11583	0.320	ng	95
39) Benzo(a)pyrene	23.656	252	9386	0.335	ng	95
40) Dibenzo(a,h)anthracene	26.191	278	9748	0.283	ng	97
41) Benzo(g,h,i)perylene	26.910	276	9875	0.271	ng	99

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

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