Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
Data File : BN026754.D
Acq On : 25 Jul 2023 19:58
Operator : MA/JU
Sample : 03709-05MSD
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 25 20:49:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 23:51:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	1153	0.400	ng	# 0.00
7) Naphthalene-d8	10.628	136	3972	0.400	ng	# 0.00
13) Acenaphthene-d10	14.459	164	2885	0.400	ng	0.00
19) Phenanthrene-d10	17.207	188	5973	0.400	ng	#-0.01
29) Chrysene-d12	21.417	240	4589	0.400	ng	# 0.00
35) Perylene-d12	23.788	264	5431	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.452	112	233	0.083	ng	0.04
5) Phenol-d6	7.084	99	211	0.059	ng	0.04
8) Nitrobenzene-d5	9.059	82	466m	0.137	ng	0.02
11) 2-Methylnaphthalene-d10	12.230	152	1599	0.275	ng	0.00
14) 2,4,6-Tribromophenol	15.978	330	282	0.269	ng	0.00
15) 2-Fluorobiphenyl	13.090	172	2452	0.220	ng	-0.01
27) Fluoranthene-d10	19.249	212	3336	0.264	ng	0.00
31) Terphenyl-d14	19.843	244	3039	0.259	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.227	88	2054	1.684	ng	# 87
3) n-Nitrosodimethylamine	3.675	42	122	0.099	ng	# 27
6) bis(2-Chloroethyl)ether	7.315	93	391	0.133	ng	# 36
9) Naphthalene	10.682	128	1968	0.183	ng	# 83
10) Hexachlorobutadiene	10.938	225	493	0.237	ng	# 98
12) 2-Methylnaphthalene	12.298	142	1452	0.192	ng	# 88
16) Acenaphthylene	14.191	152	2619	0.194	ng	97
17) Acenaphthene	14.523	154	1706	0.195	ng	98
18) Fluorene	15.519	166	2215	0.194	ng	98
21) 4-Bromophenyl-phenylether	16.400	248	808	0.237	ng	# 78
22) Hexachlorobenzene	16.524	284	832	0.243	ng	96
23) Atrazine	16.673	200	800	0.273	ng	# 89
24) Pentachlorophenol	16.884	266	618	0.384	ng	97
25) Phenanthrene	17.257	178	3858	0.220	ng	99
26) Anthracene	17.343	178	3409	0.216	ng	99
28) Fluoranthene	19.281	202	4569	0.249	ng	# 91
30) Pyrene	19.644	202	4636	0.182	ng	99
32) Benzo(a)anthracene	21.399	228	3747	0.227	ng	96
33) Chrysene	21.453	228	4257	0.231	ng	97
34) Bis(2-ethylhexyl)phtha...	21.300	149	4589	0.311	ng	# 94
36) Indeno(1,2,3-cd)pyrene	26.253	276	4724	0.212	ng	# 83
37) Benzo(b)fluoranthene	23.069	252	3988	0.202	ng	# 81
38) Benzo(k)fluoranthene	23.116	252	4051	0.190	ng	# 80
39) Benzo(a)pyrene	23.689	252	3625	0.187	ng	# 76
40) Dibenzo(a,h)anthracene	26.261	278	3620	0.207	ng	# 73
41) Benzo(g,h,i)perylene	27.010	276	4130	0.203	ng	# 85

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

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