Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012622\
Data File : BN018478.D
Acq On : 26 Jan 2022 16:22
Operator : CG/JU
Sample : N1252-08MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-465-493-012422MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/28/2022

Quant Time: Jan 27 05:35:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 24 18:25:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.956	152	33666	0.400	ng		0.00
7) Naphthalene-d8	10.749	136	148882	0.400	ng		#-0.01
13) Acenaphthene-d10	14.560	164	84833	0.400	ng		-0.01
19) Phenanthrene-d10	17.310	188	157319	0.400	ng		# 0.00
29) Chrysene-d12	21.482	240	139933	0.400	ng		#-0.01
35) Perylene-d12	23.878	264	128161	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.522	112	8853	0.106	ng		0.00
5) Phenol-d6	7.108	99	6067	0.067	ng		0.00
8) Nitrobenzene-d5	9.101	82	28764	0.335	ng		-0.01
11) 2-Methylnaphthalene-d10	12.336	152	82116m	0.329	ng		-0.01
14) 2,4,6-Tribromophenol	16.044	330	12028	0.471	ng		-0.01
15) 2-Fluorobiphenyl	13.203	172	93918	0.309	ng		-0.01
27) Fluoranthene-d10	19.331	212	163877	0.345	ng		0.00
31) Terphenyl-d14	19.922	244	147172	0.338	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.392	88	74732m	4.249	ng		
3) n-Nitrosodimethylamine	3.724	42	5544	0.200	ng	#	72
6) bis(2-Chloroethyl)ether	7.366	93	29956	0.327	ng		99
9) Naphthalene	10.799	128	116659	0.322	ng		100
10) Hexachlorobutadiene	11.104	225	20710	0.289	ng	#	100
12) 2-Methylnaphthalene	12.407	142	85011	0.337	ng		99
16) Acenaphthylene	14.281	152	115823	0.369	ng		100
17) Acenaphthene	14.624	154	75018	0.335	ng		98
18) Fluorene	15.614	166	100334m	0.372	ng		
20) 4,6-Dinitro-2-methylph...	15.677	198	2355	0.437	ng		96
21) 4-Bromophenyl-phenylether	16.494	248	33105	0.392	ng	#	91
22) Hexachlorobenzene	16.616	284	34480	0.369	ng	#	91
23) Atrazine	16.762	200	30166	0.535	ng	#	93
24) Pentachlorophenol	16.957	266	35231	1.031	ng		99
25) Phenanthrene	17.346	178	160204m	0.384	ng		
26) Anthracene	17.431	178	153998	0.436	ng		99
28) Fluoranthene	19.361	202	196005	0.430	ng	#	97
30) Pyrene	19.718	202	201881	0.338	ng		100
32) Benzo(a)anthracene	21.461	228	165500	0.373	ng		100
33) Chrysene	21.514	228	170434	0.389	ng		99
34) Bis(2-ethylhexyl)phtha...	21.397	149	2048926	5.873	ng		99
36) Indeno(1,2,3-cd)pyrene	26.380	276	115213	0.506	ng	#	92
37) Benzo(b)fluoranthene	23.149	252	170226	0.369	ng	#	97
38) Benzo(k)fluoranthene	23.193	252	157484	0.388	ng	#	96
39) Benzo(a)pyrene	23.775	252	143714	0.425	ng	#	97
40) Dibenzo(a,h)anthracene	26.397	278	89043	0.579	ng	#	90
41) Benzo(g,h,i)perylene	27.140	276	98439	0.425	ng	#	94

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

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