Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012622\
Data File : BN018477.D
Acq On : 26 Jan 2022 15:46
Operator : CG/JU
Sample : N1252-07MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Jan 27 05:35:26 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	32318	0.400	ng		0.00
7) Naphthalene-d8	10.749	136	142784	0.400	ng		#-0.01
13) Acenaphthene-d10	14.573	164	81431	0.400	ng		0.00
19) Phenanthrene-d10	17.310	188	151721	0.400	ng		# 0.00
29) Chrysene-d12	21.482	240	134841	0.400	ng		#-0.01
35) Perylene-d12	23.881	264	122955	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.522	112	8517	0.106	ng		0.00
5) Phenol-d6	7.108	99	5849	0.067	ng		0.00
8) Nitrobenzene-d5	9.101	82	27986	0.340	ng		-0.01
11) 2-Methylnaphthalene-d10	12.336	152	79037m	0.330	ng		-0.01
14) 2,4,6-Tribromophenol	16.044	330	11580	0.472	ng		-0.01
15) 2-Fluorobiphenyl	13.203	172	90487	0.310	ng		-0.01
27) Fluoranthene-d10	19.331	212	158823	0.347	ng		0.00
31) Terphenyl-d14	19.927	244	141909	0.339	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.392	88	72221m	4.277	ng		
3) n-Nitrosodimethylamine	3.724	42	5495	0.206	ng	#	67
6) bis(2-Chloroethyl)ether	7.366	93	28732	0.326	ng		99
9) Naphthalene	10.799	128	111815	0.322	ng		100
10) Hexachlorobutadiene	11.104	225	19896	0.290	ng	#	99
12) 2-Methylnaphthalene	12.407	142	82206	0.339	ng		99
16) Acenaphthylene	14.281	152	111249	0.369	ng		100
17) Acenaphthene	14.624	154	71747	0.334	ng		98
18) Fluorene	15.614	166	96269m	0.372	ng		
20) 4,6-Dinitro-2-methylph...	15.677	198	2467	0.465	ng		95
21) 4-Bromophenyl-phenylether	16.494	248	32236	0.396	ng	#	90
22) Hexachlorobenzene	16.616	284	33491	0.372	ng	#	91
23) Atrazine	16.762	200	28447	0.523	ng	#	93
24) Pentachlorophenol	16.957	266	33698	1.024	ng		99
25) Phenanthrene	17.346	178	156683	0.389	ng		99
26) Anthracene	17.431	178	149106	0.438	ng		99
28) Fluoranthene	19.361	202	190832	0.434	ng	#	97
30) Pyrene	19.723	202	195196	0.339	ng		100
32) Benzo(a)anthracene	21.461	228	165451	0.387	ng		100
33) Chrysene	21.514	228	160152	0.379	ng		99
34) Bis(2-ethylhexyl)phtha...	21.397	149	1984378	5.902	ng		99
36) Indeno(1,2,3-cd)pyrene	26.380	276	106856	0.489	ng	#	93
37) Benzo(b)fluoranthene	23.149	252	161334	0.364	ng	#	97
38) Benzo(k)fluoranthene	23.197	252	153810	0.395	ng	#	97
39) Benzo(a)pyrene	23.775	252	137462	0.424	ng	#	97
40) Dibenzo(a,h)anthracene	26.397	278	82617	0.564	ng	#	93
41) Benzo(g,h,i)perylene	27.140	276	92064	0.414	ng	#	93

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

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