Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031122\
Data File : BN018913.D
Acq On : 10 Mar 2022 21:25
Operator : CG/JU
Sample : N1862-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
V-2-0309-1AMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

Quant Time: Mar 11 03:05:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 03:02:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	4512	0.400	ng	0.00
7) Naphthalene-d8	10.712	136	13146	0.400	ng	# 0.00
13) Acenaphthene-d10	14.538	164	8430	0.400	ng	0.00
19) Phenanthrene-d10	17.277	188	19810	0.400	ng	# 0.00
29) Chrysene-d12	21.449	240	19710	0.400	ng	# 0.00
35) Perylene-d12	23.843	264	17820	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	3988	0.404	ng	0.00
5) Phenol-d6	7.060	99	5649	0.477	ng	0.00
8) Nitrobenzene-d5	9.057	82	3243	0.338	ng	0.00
11) 2-Methylnaphthalene-d10	12.299	152	7258m	0.339	ng	0.00
14) 2,4,6-Tribromophenol	16.015	330	1282	0.330	ng	-0.01
15) 2-Fluorobiphenyl	13.170	172	11193	0.310	ng	0.00
27) Fluoranthene-d10	19.303	212	20263	0.347	ng	0.00
31) Terphenyl-d14	19.893	244	12536	0.298	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	1341	0.266	ng	# 67
3) n-Nitrosodimethylamine	3.629	42	2349	0.441	ng	94
6) bis(2-Chloroethyl)ether	7.320	93	5358	0.419	ng	99
9) Naphthalene	10.765	128	17185	0.456	ng	100
10) Hexachlorobutadiene	11.064	225	2929	0.341	ng	# 99
12) 2-Methylnaphthalene	12.371	142	10785	0.411	ng	99
16) Acenaphthylene	14.260	152	15649	0.407	ng	99
17) Acenaphthene	14.602	154	12744	0.467	ng	98
18) Fluorene	15.575	166	16895	0.476	ng	99
20) 4,6-Dinitro-2-methylph...	15.650	198	909	0.360	ng	94
21) 4-Bromophenyl-phenylether	16.467	248	4578	0.347	ng	# 94
22) Hexachlorobenzene	16.590	284	5307	0.323	ng	99
23) Atrazine	16.723	200	3145	0.404	ng	98
24) Pentachlorophenol	16.928	266	1421	0.458	ng	99
25) Phenanthrene	17.318	178	79064	1.202	ng	100
26) Anthracene	17.410	178	34801	0.628	ng	99
28) Fluoranthene	19.333	202	113385	1.517	ng	99
30) Pyrene	19.691	202	104190	1.184	ng	97
32) Benzo(a)anthracene	21.440	228	67620	0.913	ng	99
33) Chrysene	21.485	228	62405	0.767	ng	98
34) Bis(2-ethylhexyl)phtha...	21.360	149	16892	0.369	ng	100
36) Indeno(1,2,3-cd)pyrene	26.319	276	46504	0.581	ng	96
37) Benzo(b)fluoranthene	23.115	252	68130	0.821	ng	99
38) Benzo(k)fluoranthene	23.162	252	47323m	0.578	ng	
39) Benzo(a)pyrene	23.738	252	57042m	0.895	ng	
40) Dibenzo(a,h)anthracene	26.334	278	27914	0.455	ng	99
41) Benzo(g,h,i)perylene	27.077	276	43991	0.667	ng	99

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

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