Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN017978.D
Acq On : 13 Dec 2021 20:36
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 14 00:19:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 00:18:01 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.689	152	28049	0.400	ng		0.00
7) Naphthalene-d8	10.470	136	108797	0.400	ng		0.00
13) Acenaphthene-d10	14.320	164	66865	0.400	ng		0.00
19) Phenanthrene-d10	17.066	188	130354	0.400	ng		0.00
29) Chrysene-d12	21.270	240	130818	0.400	ng		0.00
35) Perylene-d12	23.550	264	142354	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	10805	0.187	ng		0.00
5) Phenol-d6	6.868	99	9788	0.170	ng		0.00
8) Nitrobenzene-d5	8.835	82	12494	0.176	ng		0.00
11) 2-Methylnaphthalene-d10	12.074	152	32219	0.168	ng		0.00
14) 2,4,6-Tribromophenol	15.829	330	3095	0.144	ng		0.01
15) 2-Fluorobiphenyl	12.962	172	39898m	0.170	ng		0.01
27) Fluoranthene-d10	19.113	212	80427	0.190	ng		0.00
31) Terphenyl-d14	19.723	244	49840	0.155	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.235	88	3315m	0.389	ng		
3) n-Nitrosodimethylamine	3.558	42	4624	0.180	ng		100
6) bis(2-Chloroethyl)ether	7.117	93	13268	0.188	ng		99
9) Naphthalene	10.521	128	52449	0.194	ng		100
10) Hexachlorobutadiene	10.812	225	14504	0.188	ng	#	100
12) 2-Methylnaphthalene	12.150	142	30841	0.171	ng		99
16) Acenaphthylene	14.040	152	49322	0.198	ng		100
17) Acenaphthene	14.383	154	31838	0.184	ng		98
18) Fluorene	15.373	166	38129	0.181	ng		100
20) 4,6-Dinitro-2-methylph...	15.499	198	543m	0.885	ng		
21) 4-Bromophenyl-phenylether	16.275	248	12743m	0.171	ng		
22) Hexachlorobenzene	16.385	284	18222	0.187	ng		99
23) Atrazine	16.543	200	7701	0.167	ng		97
24) Pentachlorophenol	16.774	266	1307m	0.296	ng		
25) Phenanthrene	17.115	178	59869	0.180	ng		100
26) Anthracene	17.200	178	49024	0.177	ng		100
28) Fluoranthene	19.137	202	78116	0.190	ng		100
30) Pyrene	19.500	202	82396	0.161	ng		100
32) Benzo(a)anthracene	21.259	228	63619	0.179	ng		99
33) Chrysene	21.302	228	81021	0.189	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	28369	0.202	ng		100
36) Indeno(1,2,3-cd)pyrene	25.891	276	80777	0.375	ng		97
37) Benzo(b)fluoranthene	22.862	252	72697	0.155	ng	#	98
38) Benzo(k)fluoranthene	22.906	252	71137	0.155	ng	#	96
39) Benzo(a)pyrene	23.454	252	79071	0.189	ng	#	91
40) Dibenzo(a,h)anthracene	25.922	278	63998m	0.453	ng		
41) Benzo(g,h,i)perylene	26.603	276	80623	0.356	ng		99

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

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