Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
Data File : BN011557.D
Acq On : 21 Aug 2020 16:24
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
Sohil
8/24/2020 1:50:51 PM

Quant Time: Aug 21 19:23:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 21 18:41:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	1131	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	3908	0.40	ng		0.00
13) Acenaphthene-d10	14.04	164	2620	0.40	ng		0.01
19) Phenanthrene-d10	16.80	188	5722	0.40	ng		0.01
29) Chrysene-d12	21.02	240	5550	0.40	ng		0.01
36) Perylene-d12	23.12	264	5038	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	288	0.11	ng		0.00
5) Phenol-d6	6.66	99	184m	0.06	ng		0.03
8) Nitrobenzene-d5	8.59	82	191	0.06	ng		0.04
11) 2-Methylnaphthalene-d10	11.77	152	757	0.10	ng		0.02
14) 2,4,6-Tribromophenol	15.56	330	132	0.11	ng		0.01
15) 2-Fluorobiphenyl	12.67	172	1027	0.09	ng		0.01
27) Fluoranthene-d10	18.84	212	2481	0.14	ng		0.00
31) Terphenyl-d14	19.46	244	1820	0.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	190m	0.129	ng		
6) bis(2-Chloroethyl)ether	6.88	93	275m	0.114	ng		
9) Naphthalene	10.20	128	1274	0.112	ng	#	83
10) Hexachlorobutadiene	10.48	225	397	0.135	ng	#	97
12) 2-Methylnaphthalene	11.84	142	791	0.097	ng	#	94
16) Acenaphthylene	13.75	152	1448	0.110	ng		99
17) Acenaphthene	14.10	154	1000	0.118	ng		99
18) Fluorene	15.11	166	1215	0.111	ng		96
20) 4,6-Dinitro-2-methylphenol	15.31	198	27	0.039	ng	#	69
21) 4-Bromophenyl-phenylether	16.02	248	399	0.084	ng	#	93
22) Hexachlorobenzene	16.10	284	580	0.136	ng		100
23) Atrazine	16.31	200	346	0.124	ng	#	86
25) Phenanthrene	16.83	178	1967	0.108	ng		100
26) Anthracene	16.94	178	1456	0.094	ng		99
28) Fluoranthene	18.87	202	2963	0.137	ng		100
30) Pyrene	19.24	202	2983	0.163	ng		99
32) Benzo(a)anthracene	21.00	228	1939	0.114	ng		95
33) Chrysene	21.06	228	2357	0.122	ng		97
34) Bis(2-ethylhexyl)phthalate	20.96	149	1362	0.226	ng		93
35) Indeno(1,2,3-cd)pyrene	25.16	276	1910	0.081	ng	#	79
37) Benzo(b)fluoranthene	22.50	252	1862	0.093	ng	#	65
38) Benzo(k)fluoranthene	22.55	252	2330	0.112	ng	#	66
39) Benzo(a)pyrene	23.03	252	1834	0.105	ng	#	56
40) Dibenzo(a,h)anthracene	25.18	278	1347	0.069	ng	#	49
41) Benzo(g,h,i)perylene	25.78	276	2062m	0.101	ng		

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

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