Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072921\
Data File : BN015715.D
Acq On : 29 Jul 2021 19:38
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
mohammad
7/30/2021 12:01:27 PM

Quant Time: Jul 30 02:14:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 29 19:08:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	36447	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	157430	0.400	ng	0.00
13) Acenaphthene-d10	14.421	164	90729	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	182244	0.400	ng	#-0.01
29) Chrysene-d12	21.376	240	172296	0.400	ng	0.00
35) Perylene-d12	23.717	264	175770	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	153245	1.590	ng	0.00
5) Phenol-d6	6.960	99	190991	1.646	ng	0.00
8) Nitrobenzene-d5	8.937	82	164076	1.390	ng	0.00
11) 2-Methylnaphthalene-d10	12.167	152	400799	1.666	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	59769	1.524	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	534346	1.491	ng	0.00
27) Fluoranthene-d10	19.207	212	835990	1.673	ng	0.00
31) Terphenyl-d14	19.818	244	678865	1.687	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	21456m	1.938	ng	
3) n-Nitrosodimethylamine	3.696	42	45358	1.632	ng	# 1
6) bis(2-Chloroethyl)ether	7.228	93	158993	1.531	ng	98
9) Naphthalene	10.622	128	652531	1.559	ng	99
10) Hexachlorobutadiene	10.926	225	126910	1.617	ng	# 100
12) 2-Methylnaphthalene	12.238	142	434848	1.579	ng	99
16) Acenaphthylene	14.142	152	662612	1.689	ng	100
17) Acenaphthene	14.484	154	413770	1.580	ng	98
18) Fluorene	15.474	166	520900	1.627	ng	99
20) 4,6-Dinitro-2-methylph...	15.550	198	28165	2.903	ng	# 86
21) 4-Bromophenyl-phenylether	16.373	248	173443	1.644	ng	96
22) Hexachlorobenzene	16.482	284	169071	1.458	ng	99
23) Atrazine	16.640	200	155309	1.944	ng	99
24) Pentachlorophenol	16.823	266	67175	1.629	ng	100
25) Phenanthrene	17.212	178	800719	1.488	ng	100
26) Anthracene	17.298	178	773337	1.636	ng	100
28) Fluoranthene	19.237	202	896892	1.497	ng	100
30) Pyrene	19.604	202	942040	1.568	ng	100
32) Benzo(a)anthracene	21.355	228	952699	1.634	ng	99
33) Chrysene	21.408	228	888962	1.528	ng	99
34) Bis(2-ethylhexyl)phtha...	21.302	149	557731	1.783	ng	100
36) Indeno(1,2,3-cd)pyrene	26.120	276	1040613	1.548	ng	98
37) Benzo(b)fluoranthene	23.005	252	949434	1.552	ng	98
38) Benzo(k)fluoranthene	23.053	252	937767	1.499	ng	# 93
39) Benzo(a)pyrene	23.611	252	868473	1.579	ng	98
40) Dibenzo(a,h)anthracene	26.141	278	868670	1.580	ng	# 94
41) Benzo(g,h,i)perylene	26.849	276	884629	1.576	ng	99

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

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