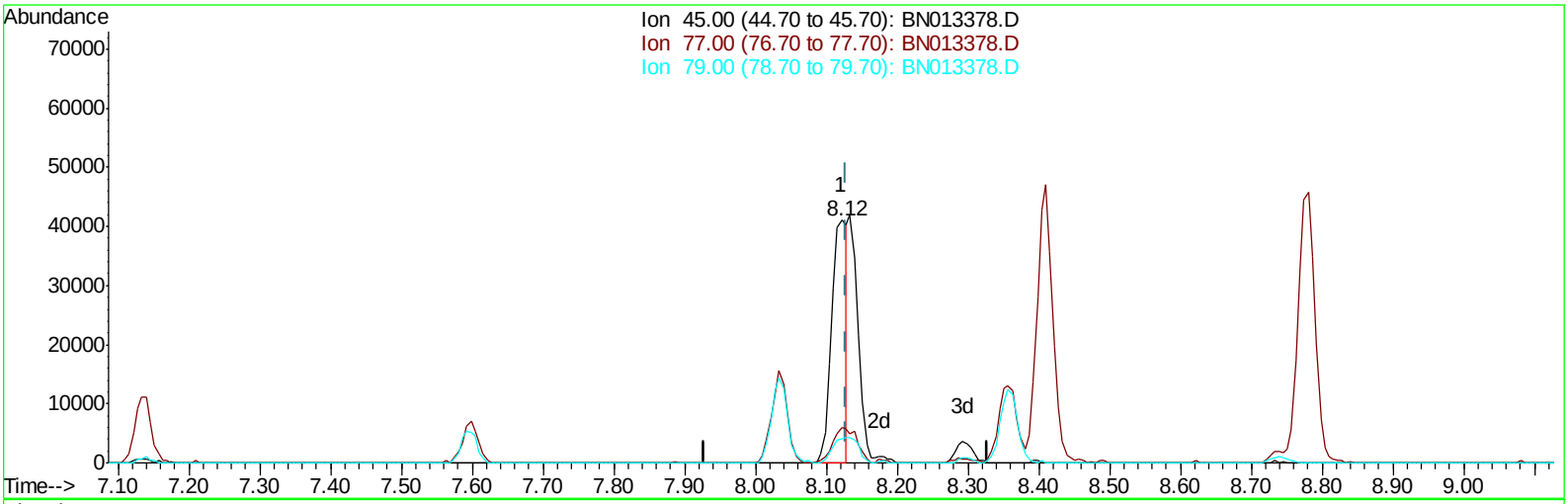
Quantitation Report (Qedit)

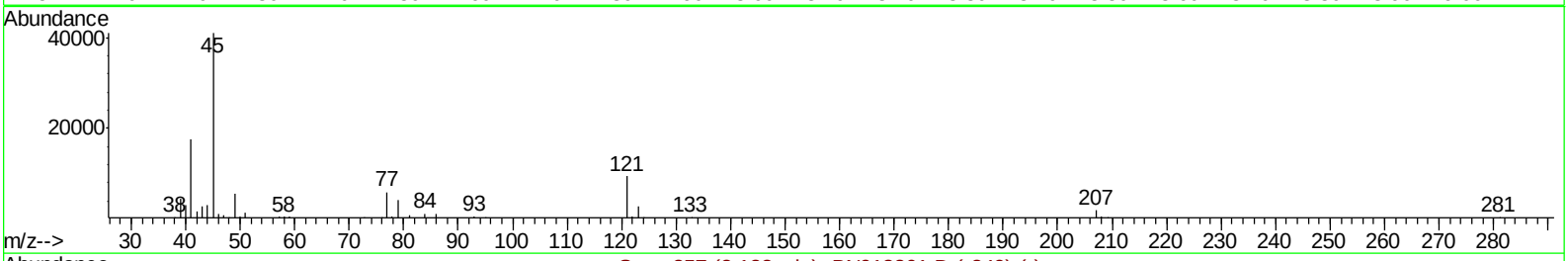
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN011121\
Data File : BN013378.D
Acq On : 11 Jan 2021 11:24
Operator : CG/JU
Sample : L4485-04
Misc : MDL-S-04
ALS Vial : 4 Sample Multiplier: 1

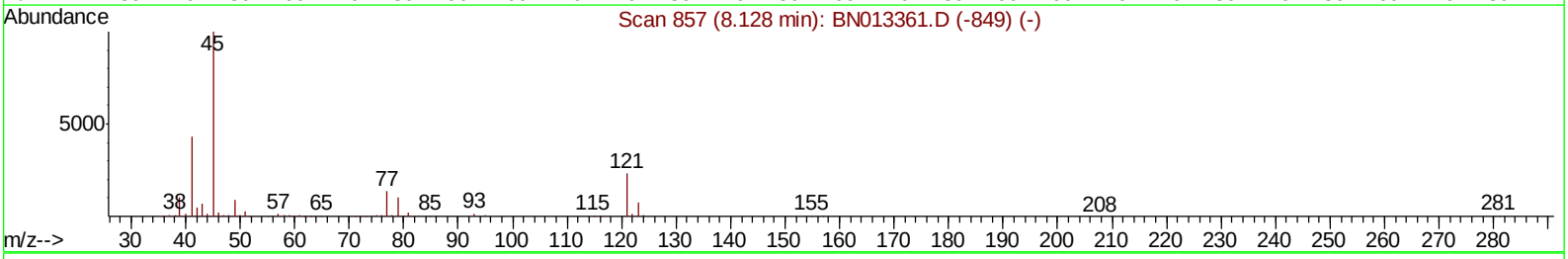
Quant Time: Jan 11 11:57:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 08 12:05:50 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Manual Integrations APPROVED
mohammad
1/12/2021 2:21:09 PM







TIC: BN013378.D

(14) 2,2'-oxybis(1-Chloropropane)

8.122min (-0.006) 1.92ng/ul

response 61324

Ion	Exp%	Act%
45.00	100	100
77.00	13.80	14.39
79.00	10.60	10.04
0.00	0.00	0.00

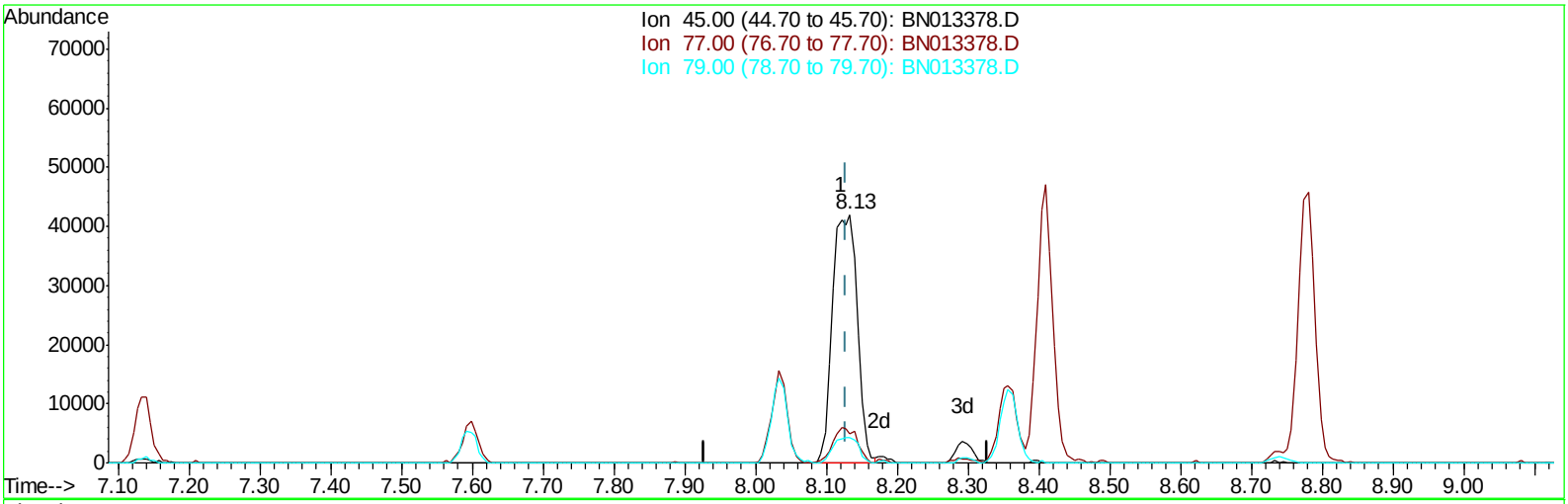
Quantitation Report (Qedit)

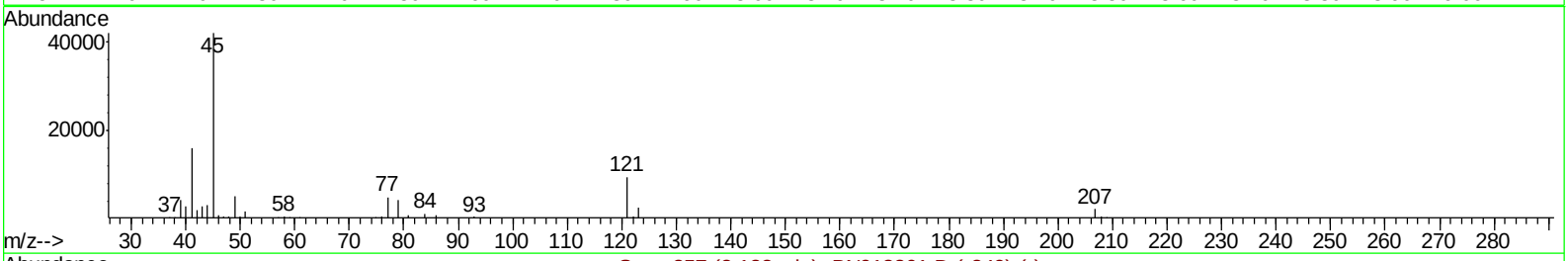
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN011121\
Data File : BN013378.D
Acq On : 11 Jan 2021 11:24
Operator : CG/JU
Sample : L4485-04
Misc : MDL-S-04
ALS Vial : 4 Sample Multiplier: 1

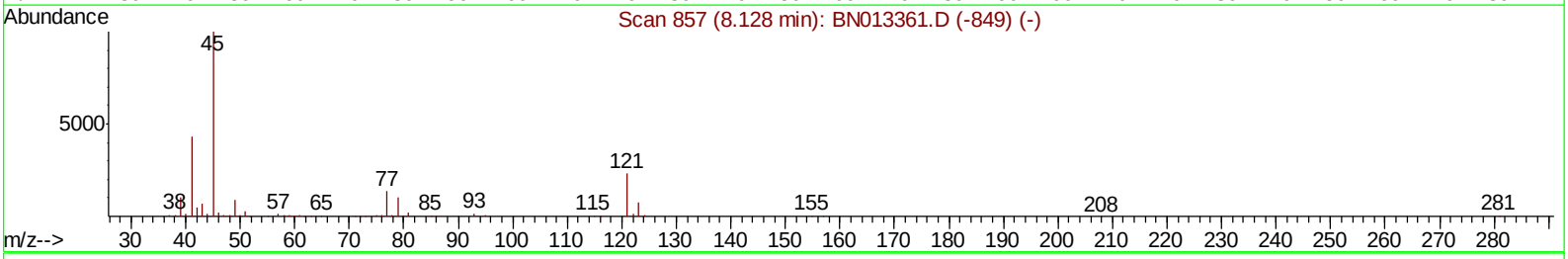
Quant Time: Jan 11 11:57:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 08 12:05:50 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Manual Integrations APPROVED
mohammad
1/12/2021 2:21:09 PM







TIC: BN013378.D

(14) 2,2'-oxybis(1-Chloropropane)

8.134min (+0.005) 3.18ng/ul m

response 101323

Ion	Exp%	Act%
45.00	100	100
77.00	13.80	11.67
79.00	10.60	10.47
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN011121\
Data File : BN013378.D
Acq On : 11 Jan 2021 11:24
Operator : CG/JU
Sample : L4485-04
Misc : MDL-S-04
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-04

Manual Integrations APPROVED
mohammad
1/12/2021 2:21:09 PM

Quant Time: Jan 11 11:59:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 08 12:05:50 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	337763	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	1389679	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	832979	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1654688	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	1649258	20.00	ng/ul	-0.01
88) Perylene-d12	23.34	264	1647033	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	40395	4.56	ng/uL	0.00
4) Pyridine-d5	3.59	84	509000	23.01	ng/ul	0.00
7) Phenol-d5	6.77	99	891560	31.43	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.95	67	549896	34.81	ng/ul	0.00
11) 2-Chlorophenol-d4	7.13	132	782255	31.66	ng/ul	0.00
15) 4-Methylphenol-d8	8.30	113	750116	32.74	ng/ul	0.00
21) Nitrobenzene-d5	8.74	128	360521	32.57	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	371506	32.56	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	700145	31.06	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	1048893	34.01	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	2101950	32.63	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	2733929	34.40	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	339884	28.88	ng/ul	0.00
60) Fluorene-d10	15.22	176	1816711	32.60	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	248858	30.56	ng/ul	0.00
73) Anthracene-d10	17.07	188	2726135	33.92	ng/ul	0.00
81) Pyrene-d10	19.37	212	2915240	32.82	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.20	264	2849233	33.13	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	6538	0.743	ng/uL	93
5) Pyridine	3.61	79	69468	3.120	ng/ul#	79
6) Benzaldehyde	6.75	77	53576	5.031	ng/ul	98
8) Phenol	6.80	94	87949	3.065	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.03	93	74848	3.292	ng/ul	98
12) 2-Chlorophenol	7.17	128	74357	2.953	ng/ul	99
13) 2-Methylphenol	8.03	108	57464	2.600	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.13	45	101323m	3.180	ng/ul	
16) Acetophenone	8.41	105	99775	2.967	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.40	70	42723	2.560	ng/ul	96
18) 4-Methylphenol	8.36	108	68470	2.885	ng/ul	98
19) Hexachloroethane	8.66	117	28871	2.922	ng/ul	100
22) Nitrobenzene	8.78	77	75913	3.060	ng/ul	99
23) Isophorone	9.30	82	109002	2.323	ng/ul	100
25) 2-Nitrophenol	9.48	139	38918	3.063	ng/ul	99
26) 2,4-Dimethylphenol	9.55	107	72080	2.810	ng/ul	96
27) Bis(2-Chloroethoxy)methane	9.79	93	88280	2.909	ng/ul	98
29) 2,4-Dichlorophenol	10.01	162	65983	2.973	ng/ul	93
30) Naphthalene	10.41	128	248314	3.185	ng/ul	98
32) 4-Chloroaniline	10.52	127	96611	3.291	ng/ul	98
33) Hexachlorobutadiene	10.70	225	42942	3.095	ng/ul	97
34) Caprolactam	11.30	113	12292	1.796	ng/ul	91

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN011121\
Data File : BN013378.D
Acq On : 11 Jan 2021 11:24
Operator : CG/JU
Sample : L4485-04
Misc : MDL-S-04
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Manual Integrations APPROVED
mohammad
1/12/2021 2:21:09 PM

Quant Time: Jan 11 11:59:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 08 12:05:50 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.65	107	55506	2.335	ng/ul	98
36) 2-Methylnaphthalene	12.03	142	165122	3.080	ng/ul	99
37) 1-Methylnaphthalene	12.25	142	159995	3.096	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	80448	3.209	ng/ul	99
40) Hexachlorocyclopentadiene	12.39	237	41871	3.206	ng/ul	96
41) 2,4,6-Trichlorophenol	12.65	196	36189	2.189	ng/ul	97
42) 2,4,5-Trichlorophenol	12.71	196	40683	2.313	ng/ul	99
43) 1,1'-Biphenyl	13.06	154	215063	3.205	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	167664	3.173	ng/ul	98
45) 2-Nitroaniline	13.29	65	27186	2.019	ng/ul	91
47) Dimethylphthalate	13.69	163	194490	2.942	ng/ul	97
48) 2,6-Dinitrotoluene	13.80	165	26566	2.119	ng/ul	93
50) Acenaphthylene	13.95	152	251479	3.130	ng/ul	99
51) 3-Nitroaniline	14.13	138	27266	2.358	ng/ul	96
52) Acenaphthene	14.29	153	177516	3.132	ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	8132	1.447	ng/ul#	86
55) 4-Nitrophenol	14.43	109	24423	2.757	ng/ul#	81
56) Dibenzofuran	14.62	168	247422	3.188	ng/ul	99
57) 2,4-Dinitrotoluene	14.59	165	41214	2.307	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.85	232	32713	2.202	ng/ul#	97
59) Diethylphthalate	15.06	149	170787	2.542	ng/ul	98
61) Fluorene	15.27	166	204158	3.247	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.28	204	100096	3.303	ng/ul	94
63) 4-Nitroaniline	15.29	138	28936	2.664	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.35	198	26935	2.972	ng/ul#	75
67) N-Nitrosodiphenylamine	15.49	169	157377	3.018	ng/ul	97
68) 4-Bromophenyl-phenylether	16.17	248	53842	2.956	ng/ul	97
69) Hexachlorobenzene	16.27	284	65246	3.160	ng/ul	97
70) Atrazine	16.44	200	41742	2.344	ng/ul	94
71) Pentachlorophenol	16.62	266	20637	1.792	ng/ul	89
72) Phenanthrene	17.01	178	314656	3.277	ng/ul	98
74) Anthracene	17.10	178	316574	3.231	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	81291	3.389	ng/uL	96
76) Pentachlorobenzene	14.55	250	77936	3.257	ng/uL	98
77) Carbazole	17.37	167	238069	2.993	ng/ul	99
78) Di-n-butylphthalate	17.96	149	220737	2.036	ng/ul	99
80) Fluoranthene	19.03	202	321656	2.830	ng/ul	99
82) Pyrene	19.40	202	371268	3.187	ng/ul	99
83) Butylbenzylphthalate	20.32	149	79452	1.587	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.09	252	68417	2.194	ng/ul	99
85) Benzo(a)anthracene	21.14	228	329307	3.025	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.11	149	123188	1.661	ng/ul	100
87) Chrysene	21.20	228	342420	3.212	ng/ul	99
89) Di-n-octyl phthalate	21.97	149	201232	1.964	ng/ul	100
90) Benzo(b)fluoranthene	22.69	252	335057	3.190	ng/ul	98
91) Benzo(k)fluoranthene	22.73	252	331998	3.319	ng/ul	99
93) Benzo(a)pyrene	23.24	252	313758	3.295	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.50	276	371251	3.113	ng/ul	97
95) Dibenzo(a,h)anthracene	25.52	278	317678	3.178	ng/ul	98
96) Benzo(g,h,i)perylene	26.16	276	311601	3.083	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN011121\
Data File : BN013378.D
Acq On : 11 Jan 2021 11:24
Operator : CG/JU
Sample : L4485-04
Misc : MDL-S-04
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Manual Integrations APPROVED
mohammad
1/12/2021 2:21:09 PM

Quant Time: Jan 11 11:59:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 08 12:05:50 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN011121\
Data File : BN013378.D
Acq On : 11 Jan 2021 11:24
Operator : CG/JU
Sample : L4485-04
Misc : MDL-S-04
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 11 11:59:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 08 12:05:50 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Manual Integrations APPROVED
mohammad
1/12/2021 2:21:09 PM